January 13, 2009

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0901120	01/12/2009	WAP011209

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC). Any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0901120**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP011209
Client Sample ID:	**APS-011209-47-SD/TS20262**	Sampled:	01/12/09 16:45
Lab Sample ID:	**0901120-01**	Sampled By:	Kelly Jonas
Matrix:	Sediment	Received:	01/12/09 18:10
Unit:	mg/kg dry	Prepared:	01/13/09 By: BJH
Dilution Factor:	1	Analyzed:	01/13/09 By: ASC
QC Batch:	0900135	Analytical Batch:	9011343

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.57U	0.57	0.012
11104-28-2	PCB-1221	0.57U	0.57	0.019
11141-16-5	PCB-1232	0.57U	0.57	0.019
53469-21-9	PCB-1242	**0.17J**	0.57	0.0092
12672-29-6	PCB-1248	0.57U	0.57	0.025
11097-69-1	PCB-1254	**0.56J**	0.57	0.014
11096-82-5	PCB-1260	**0.28J**	0.57	0.0097

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	92	*44-127*
Tetrachloro-m-xylene	97	*60-120*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0901120**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP011209
Client Sample ID:	**APS-011209-47-SD/TS20262**	Sampled:	01/12/09 16:45
Lab Sample ID:	**0901120-01**	Sampled By:	Kelly Jonas
Matrix:	Sediment	Received:	01/12/09 18:10

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**57**	0.1	0.1	%	1	USEPA-3550B	01/13/09	KNC	0900237

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0900135 3550B Sonication Extraction/USEPA-8082									
Method Blank					Analyzed:	01/13/2009	By: ASC		
Unit: mg/kg wet					Analytical Batch:	9011343			
PCB-1016			0.33 U					0.33	0.0070
PCB-1221			0.33 U					0.33	0.011
PCB-1232			0.33 U					0.33	0.011
PCB-1242			0.33 U					0.33	0.0053
PCB-1248			0.33 U					0.33	0.014
PCB-1254			0.33 U					0.33	0.0078
PCB-1260			0.33 U					0.33	0.0056
Surrogates:									
Decachlorobiphenyl				*100*	*44-127*				
Tetrachloro-m-xylene				*102*	*60-120*				
Laboratory Control Sample					Analyzed:	01/13/2009	By: ASC		
Unit: mg/kg wet					Analytical Batch:	9011343			
PCB-1254		0.167	**0.179**	108	73-125			0.33	0.0078
Surrogates:									
Decachlorobiphenyl				*92*	*44-127*				
Tetrachloro-m-xylene				*102*	*60-120*				

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte: Percent Solids/USEPA-3550B										
QC Batch: 0900237 (General Inorganic Prep)							Analyzed: 01/13/2009		By: KNC	
Method Blank			0.1 U	%					0.1	0.1
0901120-01 [APS-011209-47-SD/TS20262]										
Duplicate	57		**57**	%			0.2	20	0.1	0.1

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program.
No Qualifications required.

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TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 04086

Page 1 of 1

For Lab Use Only
Cart: 5
VOA Rack/Tray:
Receipt Log No.: 13-20
Project Chemist: CMH
Laboratory Project No.: R0901120

Client Name: Weston solutions Inc
Address: 20 N. Wacker Dr, Suite 1210
Chicago IL 60606
Phone: 312-424-3339
Fax: 312-424-3330

Project Name: Allied Paper
Client Project No. / P.O. No.: 20405.012.002.0174.00
Invoice To: Client / Other (comments)
Contact/Report To: Lisa Gracezyk

Analyses Requested: A — PCBs

A PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Container Type (corresponds to Container Packing List): 40z

Test Group	Matrix Code	Laboratory Sample Number	Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Number of Containers Submitted (17)	Total	Sample Comments
01		-01	1 APS-011209-47-SD/TS20262	—	1/12/09	1645	X		So.	1	1	
			2									
			3									
			4									
			5									
			6									
			7									
			8									
			9									
			10									

Sampled By (print): Kelly Jonas
Sampler's Signature: K L Jonas
Company: Weston Solutions of Michigan

How Shipped? (Hand) Carrier:
Tracking No.:

Comments: 24-hr TAT

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
K L Jonas	1/12/09	18:10						
1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
						[signature]	1-12-09	18:10

Drop

TriMatrix Laboratories, Inc.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Client	Project-Submittal No.
Weston	new / add to R0901120
Receipt Record Page/Line No. 13-6	Project Chemist UMH — Sample Nos. 01

Coolers Received

Recorded by (initials/date): TB 01-12-09

☐ Cooler ☐ Box ☑ Other Sample — Qty Received: 1

Thermometer Used: ☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#____) ☐ See Additional Cooler Information Form

	Cooler 1	Cooler 2	Cooler 3	Cooler 4
Cooler No. / Time	— / 18:10			
Custody Seals	☑ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact
Coolant Location	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom
Coolant/Temperature Taken Via	☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☑ none / avg 2-3 containers	☐ loose ice ☐ bagged ice ☐ blue ice ☐ none / avg 2-3 containers	☐ loose ice ☐ bagged ice ☐ blue ice ☐ none / avg 2-3 containers	☐ loose ice ☐ bagged ice ☐ blue ice ☐ none / avg 2-3 containers
Alternate Temperature Taken Via	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container

Cooler 1 temperatures:

	Recorded °C	Correction Factor °C	Actual °C
tb	—		
tb location: representative / in ice			
1	12.8	—	12.8
2	—		
3	—		
Average °C			12.8

☐ Cooler ID on COC? ☐ VOC trip blank received? (each cooler)

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received
☐ No COC received

N/A	Yes	No	
	☑	☐	Chain of Custody Record(s)?
	☐		If No, COC initiated by _____
	☑		Rec'd for Lab signed/date/time?
☑	☐		Shipping Document?
☑	☐		Other _____

COC ID Nos.

☑ TriMatrix 04086

☐ Other (name or ID#) _____

Check COC for Accuracy
☐ No analysis requested

Yes	No	
☑	☐	Sample ID matches COC?
☑	☐	Sample date and time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Sample Condition Summary
☐ Non-TriMatrix containers, see Notes

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate containers received?
☐	☐	☑	VOC vials / TOX containers have headspace?
☐	☐	☑	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	☐	☑	Average sample temperature ≤6° C?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐	☐	Samples preserved correctly?
☑	☐		If "No", added orange tag?
☑	☐		Received pre-preserved VOC soils? ☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses
☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged Containers
☐ Yellow/White-tagged 1L Ambers (SV Prep-Lab)

AFTER HOURS ONLY: COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☑ RECEIVED, COCs TO LAB(S)

Notes 24 hr TAT

☐ Trip blank received ☐ Trip blank not listed on COC
☐ No COC received, Proj. Chemist reviewed (init./date) _____
☐ No analysis requested, Proj. Chemist completed (init./date) _____

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
1-12-09 18:10	1-12-09 18:12	(Yes) / No

January 14, 2009

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0901133	01/13/2009	WAP011309

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC). Any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0901133**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP011309
Client Sample ID:	**APS-011309-48-SD/TS20270**	Sampled:	01/13/09 16:48
Lab Sample ID:	**0901133-01**	Sampled By:	Kelly Jonas
Matrix:	Sediment	Received:	01/13/09 18:10
Unit:	mg/kg dry	Prepared:	01/14/09 By: DCG
Dilution Factor:	1	Analyzed:	01/14/09 By: ASC
QC Batch:	0901013	Analytical Batch:	9011444

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.57U	0.57	0.012
11104-28-2	PCB-1221	0.57U	0.57	0.019
11141-16-5	PCB-1232	0.57U	0.57	0.019
53469-21-9	PCB-1242	0.57U	0.57	0.0092
12672-29-6	PCB-1248	0.57U	0.57	0.024
11097-69-1	PCB-1254	**0.19J**	0.57	0.013
11096-82-5	PCB-1260	**0.035J**	0.57	0.0097

Surrogates:	*% Recovery*	*Control Limits*
Decachlorobiphenyl	102	*44-127*
Tetrachloro-m-xylene	94	*60-120*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0901133**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP011309
Client Sample ID:	**APS-011309-48-SD/TS20270**	Sampled:	01/13/09 16:48
Lab Sample ID:	**0901133-01**	Sampled By:	Kelly Jonas
Matrix:	Sediment	Received:	01/13/09 18:10

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**58**	0.1	0.1	%	1	USEPA-3550B	01/14/09	KNC	0901026

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0901013 3550B Sonication Extraction/USEPA-8082									
Method Blank					Analyzed:	01/14/2009	By: ASC		
Unit: mg/kg wet					Analytical Batch:	9011444			
PCB-1016			0.33 U					0.33	0.0070
PCB-1221			0.33 U					0.33	0.011
PCB-1232			0.33 U					0.33	0.011
PCB-1242			0.33 U					0.33	0.0053
PCB-1248			0.33 U					0.33	0.014
PCB-1254			0.33 U					0.33	0.0078
PCB-1260			0.33 U					0.33	0.0056
Surrogates:									
Decachlorobiphenyl				*99*	*44-127*				
Tetrachloro-m-xylene				*92*	*60-120*				
Laboratory Control Sample					Analyzed:	01/14/2009	By: ASC		
Unit: mg/kg wet					Analytical Batch:	9011444			
PCB-1254		0.167	**0.185**	111	73-125			0.33	0.0078
Surrogates:									
Decachlorobiphenyl				*107*	*44-127*				
Tetrachloro-m-xylene				*97*	*60-120*				

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte: Percent Solids/USEPA-3550B										
QC Batch: 0901026 (General Inorganic Prep)							Analyzed: 01/14/2009		By: KNC	
Method Blank			0.1 U	%					0.1	0.1
0901133-01 [APS-011309-48-SD/TS20270]										
Duplicate	58		**58**	%			0.06	20	0.1	0.1

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program.
No Qualifications required.

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TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. # D4094

Page 1 of 1

For Lab Use Only

Cart: 7
VOA Rack/Tray: -
Receipt Log No.: 15-13
Project Chemist: LMH
Laboratory Project No.: R-090133

Client Name: Weston Solutions Inc
Address: 20 N. Wacker Dr, Suite 1210
Chicago IL 60606
Phone: 312-424-3339
Fax: 312-424-3330

Project Name: Allied Paper
Client Project No. / P.O. No.: 20405.012.002.0174.00
Invoice To: Client / Other (comments)
Contact/Report To: Lisa Graczyk

Analyses Requested: A (PCBs)

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Container Type (corresponds to Container Packing List): 4oz

	Test Group	Matrix Code	Laboratory Sample Number	Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Number of Containers Submitted	Total	Sample Comments
1			-01	APS-011309-48-SD/TS20270	—	1/13/09	1648	X		SO	1	1	
2													
3													
4													
5													
6													
7													
8													
9													
10													

Sampled By (print): Kelly Jonas
Sampler's Signature: Kelly Jonas
Company: Weston Solutions of Michigan, Inc

How Shipped? (Hand) Carrier
Tracking No.

Comments: 24-hr TAT

1. Relinquished By	Date	Time
Kelly Jonas	1/13/09	1810

1. Received By	Date	Time

2. Relinquished By	Date	Time

2. Received By	Date	Time

3. Relinquished By	Date	Time

3. Received For Lab By	Date	Time
D. Nordin	1-13-09	18:10

(Drop)

TriMatrix Laboratories, Inc.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Client	WESTON	Project-Submittal No. new / add to	R-0901133
Receipt Record Page/Line No.	15-13	Project Chemist: LMH	Sample Nos. 01

Coolers Received

Recorded by (initials/date)		Qty Received	Thermometer Used	
DN 1-13-08	☑ Cooler ☐ Box ☐ Other____	1	☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#____)	☐ See Additional Cooler Information Form

	Cooler No. — Time 6:45	Cooler No. Time	Cooler No. Time	Cooler No. Time
Custody Seals	☑ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact
Coolant Location:	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom
Coolant/Temperature Taken Via:	☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☑ none / avg 2-3 containers	☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers	☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers	☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers
Alternate Temperature Taken Via:	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container

	Recorded °C	Correction Factor °C	Actual °C	Recorded °C	Correction Factor °C	Actual °C	Recorded °C	Correction Factor °C	Actual °C	Recorded °C	Correction Factor °C	Actual °C
tb												
tb location: representative / in ice												
1	15.3	0	15.3									
2												
3												
Average °C			15.3									

Cooler 1: ☐ Cooler ID on COC? ☐ VOC trip blank received?
Cooler 2: ☐ Cooler ID on COC? ☐ VOC trip blank received?
Cooler 3: ☐ Cooler ID on COC? ☐ VOC trip blank received?
Cooler 4: ☐ Cooler ID on COC? ☐ VOC trip blank received?

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received

☐ No COC received

N/A	Yes	No	
	☑	☐	Chain of Custody Record(s)? If No, COC initiated by ________
	☑		Rec'd for Lab signed/date/time?
☑	☐		Shipping Document?
☑	☐		Other ________

COC ID Nos. 04094

☑ TriMatrix

☐ Other (name or ID#) ________

Check COC for Accuracy

☐ No analysis requested

Yes	No	
☑	☐	Sample ID matches COC?
☑	☐	Sample date and time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Sample Condition Summary

☐ Non-TriMatrix containers, see Notes

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate containers received?
☑	☐	☐	VOC vials / TOX containers have headspace?
☑	☐	☐	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	☐	☑	Average sample temperature ≤6° C?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐	☐	Samples preserved correctly?
☑	☐		If "No", added orange tag?
☑	☐		Received pre-preserved VOC soils? ☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged Containers
☐ Yellow/White-tagged 1L Ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☑ RECEIVED, COCs TO LAB(S)

Notes 24hr TAT

☐ Trip blank received ☐ Trip blank not listed on COC
☐ No COC received, Proj. Chemist reviewed (init./date) ________
☐ No analysis requested, Proj. Chemist completed (init./date) ________

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
DN 1-13-08	DN 1-13-08	Yes / No

April 07, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0804082	04/04/2008	WAP040408

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0804082**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP040408
Client Sample ID:	**APS-040408-14-SD/TS20000**	Sampled:	04/04/08 10:50
Lab Sample ID:	**0804082-01**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	04/04/08 12:10
Unit:	mg/kg dry	Prepared:	04/04/08 By: KB9
Dilution Factor:	1	Date Analyzed:	04/05/08 By: JMK
QC Batch:	0803693	Analytical Batch:	8040712

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.57 U	0.57	0.0072
11104-28-2	PCB-1221	0.57 U	0.57	0.013
11141-16-5	PCB-1232	0.57 U	0.57	0.014
53469-21-9	PCB-1242	0.57 U	0.57	0.028
12672-29-6	PCB-1248	**0.28 J**	0.57	0.0091
11097-69-1	PCB-1254	**0.32 J**	0.57	0.0076
11096-82-5	PCB-1260	**0.12 J**	0.57	0.027

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	69	*36-136*
Tetrachloro-m-xylene	92	*46-120*

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0804082**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP040408
Client Sample ID:	**APS-040408-14-SD/TS20000**	Sampled:	04/04/08 10:50
Lab Sample ID:	**0804082-01**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	04/04/08 12:10

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**58**	0.1	0.1	%	1	USEPA-3550B	04/07/08	KNC	0803757

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0803693 3550B Sonication Extraction/USEPA-8082									
Method Blank						Analyzed:		04/05/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8040712	
PCB-1016			0.33 U					0.33	0.0042
PCB-1221			0.33 U					0.33	0.0074
PCB-1232			0.33 U					0.33	0.0084
PCB-1242			0.33 U					0.33	0.016
PCB-1248			0.33 U					0.33	0.0053
PCB-1254			0.33 U					0.33	0.0044
PCB-1260			0.33 U					0.33	0.016
Surrogates									
Decachlorobiphenyl				81	*36-136*				
Tetrachloro-m-xylene				102	*46-120*				
Laboratory Control Sample						Analyzed:		04/05/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8040712	
PCB-1242		0.333	**0.280**	84	73-118			0.33	0.016
Surrogates									
Decachlorobiphenyl				79	*36-136*				
Tetrachloro-m-xylene				102	*46-120*				

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte:	**Percent Solids**/USEPA-3550B									
QC Batch: 0803757 (General Inorganic Prep)									Analyzed: 04/07/2008 By: KNC	
Method Blank			0.1 U	%					0.1	
0804082-01 APS-040408-14-SD/TS20000										
Duplicate	58		**58**	%			0.7	20	0.1	

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualifications required.

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TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 121675

Page 1 of 1

For Lab Use Only

Cart

VOA Rack/Tray

Receipt Log No. 4512

Project Chemist

Laboratory Project No. Q0804082

Client Name: U.S. EPA/Weston Solutions Inc.
Address: 20 N. Wacker Drive, Suite 1210 Chicago, IL 60606
Phone: Lisa Graczyk (312-424-3339)
Fax:
Contact/Report To: Lisa Graczyk

Project Name: Allied Paper
Client Project No./P.O. No.
Invoice No. ☐ Client ☐ Other (comments)

Analyses Requested

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Test Group	Matrix Code	Laboratory Sample Number	Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	PCBs	Total	Sample Comments
		-01	1 APS-040408-14-SD/TS20008 KES MTB	Weston	4/4/08	1050	X		Sed.	√	1	
			2									
			3									
			4									
			5									
			6									
			7									
			8									
			9									
			10									

Container Type (corresponds to Container Packing List)
Number of Containers Submitted

Sampled By (print): Michael Browning
Sampler's Signature: Michael J Browning
Company

How Shipped? (Hand) Carrier
Tracking No.

Comments

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Michael J Browning	4/4/08	1210						
1. Received By	**Date**	**Time**	**2. Received By**	**Date**	**Time**	**3. Received For Lab By**	**Date**	**Time**
							4/4/08	1210

TriMatrixCOC -- COC

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

TriMatrix Laboratories, Inc.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Client: Weston | Project-Submittal No.: 0804082
Receipt Record Page/Line No.: 45 12 | new / add to | Project Chemist: DH | Sample Nos.: 1

Coolers Received

Recorded by (initials/date): WC 4-4-08

☑ Cooler ☐ Box ☐ Other _____ | Qty Received: 1

Thermometer Used: ☑ IR Gun (#94) ☐ Digital Thermometer (#54) ☐ Other (# _____) | ☐ See Additional Cooler Information Form

Cooler No. / Time	Cooler No. / Time	Cooler No. / Time	Cooler No. / Time
Client 1215			
Custody Seals			
☑ none	☐ none	☐ none	☐ none
☐ present / intact	☐ present / intact	☐ present / intact	☐ present / intact
☐ present / not intact	☐ present / not intact	☐ present / not intact	☐ present / not intact
Coolant Location:			
Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom
Coolant/Temperature Taken Via:			
☐ loose ice / avg 2-3 containers	☐ loose ice / avg 2-3 containers	☐ loose ice / avg 2-3 containers	☐ loose ice / avg 2-3 containers
☑ bagged ice / avg 2-3 containers	☐ bagged ice / avg 2-3 containers	☐ bagged ice / avg 2-3 containers	☐ bagged ice / avg 2-3 containers
☐ blue ice / avg 2-3 containers	☐ blue ice / avg 2-3 containers	☐ blue ice / avg 2-3 containers	☐ blue ice / avg 2-3 containers
☐ none / avg 2-3 containers	☐ none / avg 2-3 containers	☐ none / avg 2-3 containers	☐ none / avg 2-3 containers
Alternate Temperature Taken Via:			
☐ temperature blank (tb)	☐ temperature blank (tb)	☐ temperature blank (tb)	☐ temperature blank (tb)
☐ 1 container	☐ 1 container	☐ 1 container	☐ 1 container
Recorded °C / Correction Factor °C / Actual °C	Recorded °C / Correction Factor °C / Actual °C	Recorded °C / Correction Factor °C / Actual °C	Recorded °C / Correction Factor °C / Actual °C
tb	tb	tb	tb
tb location: representative / in ice	tb location: representative / in ice	tb location: representative / in ice	tb location: representative / in ice
1 5.4 - 5.4	1	1	1
2	2	2	2
3	3	3	3
Average °C 5.4	**Average °C**	**Average °C**	**Average °C**
☐ Cooler ID on COC?	☐ Cooler ID on COC?	☐ Cooler ID on COC?	☐ Cooler ID on COC?
☐ VOC trip blank received?	☐ VOC trip blank received?	☐ VOC trip blank received?	☐ VOC trip blank received?

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received

☐ No COC received

N/A	Yes	No	
	☑	☐	**Chain of Custody Record(s)?**
	☐		If No, COC initiated by _____
	☑		Rec'd for Lab signed/date/time?
☑	☐		Shipping Document?
☑	☐		Other _____

COC ID Nos. 121675

☑ TriMatrix

☐ Other (name or ID#) _____

Check COC for Accuracy

☐ No analysis requested

Yes	No	
☑	☐	Sample ID matches COC?
☑	☐	Sample date and time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Sample Condition Summary

☐ Non-TriMatrix containers, see Notes

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate containers received?
☑	☐	☐	VOC vials have headspace?
☐	☐	☑	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	☑	☐	Average sample temperature ≤6° C?
☐	☐		Completed Sample Preservation Verification Form?
☐	☐	☐	Samples preserved correctly?
☐	☐		If "No", added orange tag?
☐	☐		Received pre-preserved VOC soils?

☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged Containers
☐ Yellow/White-tagged 1L Ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☑ RECEIVED, COCs TO LAB(S)

Notes

☐ Trip blank received ☐ Trip blank not listed on COC
☐ No COC received, Proj. Chemist reviewed (init./date) _____
☐ No analysis requested, Proj. Chemist completed (init./date) _____

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
4-4-08 1210	4-4-08 1	Yes / No

April 21, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0804170	04/08/2008	WAP040808

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0804170**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP040808
Client Sample ID:	**APS-040808-15-SD**	Sampled:	04/08/08 11:02
Lab Sample ID:	**0804170-01**	Sampled By:	MTB
Matrix:	Sediment	Received:	04/08/08 16:00
Unit:	mg/kg dry	Prepared:	04/15/08 By: ASC
Dilution Factor:	20	Date Analyzed:	04/19/08 By: JMK
QC Batch:	0803953	Analytical Batch:	8041910

*Extractable Petroleum Hydrocarbons by EPA Method 8015B

CAS Number	Analyte	Analytical Result	RL	MDL
	DRO - 8015B (C10-C28)	**1400**	260	53
	Oil Range Organics (C28-C36)	**2000**	390	31

*See Statement of Data Qualifications

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0804170**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP040808
Client Sample ID:	**APS-040808-15-SD**	Sampled:	04/08/08 11:02
Lab Sample ID:	**0804170-01**	Sampled By:	MTB
Matrix:	Sediment	Received:	04/08/08 16:00
Unit:	mg/kg dry	Prepared:	04/16/08 By: LEW
Dilution Factor:	1	Date Analyzed:	04/17/08 By: LEW
QC Batch:	0804265	Analytical Batch:	8041712

Volatile Petroleum Hydrocarbons by EPA Method 8015B

CAS Number	Analyte	Analytical Result	RL	MDL
	GRO - 8015B (C6-C10)	9.6 U	9.6	1.9

Surrogates	% Recovery	Control Limits
aaa-Trifluorotoluene	86	*76-113*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0804170**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP040808
Client Sample ID:	**APS-040808-15-SD**	Sampled:	04/08/08 11:02
Lab Sample ID:	**0804170-01**	Sampled By:	MTB
Matrix:	Sediment	Received:	04/08/08 16:00

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
HEM: Oil & Grease	**2000**	770	770	mg/kg dry	1	USEPA-9071B	04/17/08	CLB	0804116
Percent Solids	**52**	0.10	0.10	%	1	USEPA-3550B	04/16/08	KNC	0804214

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0804170**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP040808
Client Sample ID:	**APS-040808-16-SD**	Sampled:	04/08/08 11:17
Lab Sample ID:	**0804170-02**	Sampled By:	MTB
Matrix:	Sediment	Received:	04/08/08 16:00
Unit:	mg/kg dry	Prepared:	04/15/08 By: ASC
Dilution Factor:	20	Date Analyzed:	04/19/08 By: JMK
QC Batch:	0803953	Analytical Batch:	8041910

*Extractable Petroleum Hydrocarbons by EPA Method 8015B

CAS Number	Analyte	Analytical Result	RL	MDL
	DRO - 8015B (C10-C28)	**1100**	240	49
	Oil Range Organics (C28-C36)	**1500**	360	29

*See Statement of Data Qualifications

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0804170**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP040808
Client Sample ID:	**APS-040808-16-SD**	Sampled:	04/08/08 11:17
Lab Sample ID:	**0804170-02**	Sampled By:	MTB
Matrix:	Sediment	Received:	04/08/08 16:00
Unit:	mg/kg dry	Prepared:	04/16/08 By: LEW
Dilution Factor:	1	Date Analyzed:	04/17/08 By: LEW
QC Batch:	0804265	Analytical Batch:	8041712

Volatile Petroleum Hydrocarbons by EPA Method 8015B

CAS Number	Analyte	Analytical Result	RL	MDL
	GRO - 8015B (C6-C10)	10 U	10	2.0

Surrogates	% Recovery	Control Limits
aaa-Trifluorotoluene	82	*76-113*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0804170**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP040808
Client Sample ID:	**APS-040808-16-SD**	Sampled:	04/08/08 11:17
Lab Sample ID:	**0804170-02**	Sampled By:	MTB
Matrix:	Sediment	Received:	04/08/08 16:00

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result		RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
HEM: Oil & Grease	710	U	710	710	mg/kg dry	1	USEPA-9071B	04/17/08	CLB	0804116
Percent Solids	**56**		0.10	0.10	%	1	USEPA-3550B	04/16/08	KNC	0804214

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0804170**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP040808
Client Sample ID:	**APS-040808-17-SD**	Sampled:	04/08/08 11:35
Lab Sample ID:	**0804170-03**	Sampled By:	MTB
Matrix:	Sediment	Received:	04/08/08 16:00
Unit:	mg/kg dry	Prepared:	04/15/08 By: ASC
Dilution Factor:	20	Date Analyzed:	04/19/08 By: JMK
QC Batch:	0803953	Analytical Batch:	8041910

*Extractable Petroleum Hydrocarbons by EPA Method 8015B

CAS Number	Analyte	Analytical Result	RL	MDL
	DRO - 8015B (C10-C28)	**1400**	290	60
	Oil Range Organics (C28-C36)	**1800**	430	35

*See Statement of Data Qualifications

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0804170**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP040808
Client Sample ID:	**APS-040808-17-SD**	Sampled:	04/08/08 11:35
Lab Sample ID:	**0804170-03**	Sampled By:	MTB
Matrix:	Sediment	Received:	04/08/08 16:00
Unit:	mg/kg dry	Prepared:	04/16/08 By: LEW
Dilution Factor:	1	Date Analyzed:	04/17/08 By: LEW
QC Batch:	0804265	Analytical Batch:	8041712

Volatile Petroleum Hydrocarbons by EPA Method 8015B

CAS Number	Analyte	Analytical Result	RL	MDL
	GRO - 8015B (C6-C10)	13U	13	2.5

Surrogates	*% Recovery*	*Control Limits*
aaa-Trifluorotoluene	84	*76-113*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0804170**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP040808
Client Sample ID:	**APS-040808-17-SD**	Sampled:	04/08/08 11:35
Lab Sample ID:	**0804170-03**	Sampled By:	MTB
Matrix:	Sediment	Received:	04/08/08 16:00

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
HEM: Oil & Grease	**1600**	860	860	mg/kg dry	1	USEPA-9071B	04/17/08	CLB	0804116
Percent Solids	**46**	0.10	0.10	%	1	USEPA-3550B	04/16/08	KNC	0804214

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0804170**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP040808
Client Sample ID:	**APS-040808-18-SD**	Sampled:	04/08/08 11:49
Lab Sample ID:	**0804170-04**	Sampled By:	MTB
Matrix:	Sediment	Received:	04/08/08 16:00
Unit:	mg/kg dry	Prepared:	04/15/08 By: ASC
Dilution Factor:	20	Date Analyzed:	04/19/08 By: JMK
QC Batch:	0803953	Analytical Batch:	8041910

*Extractable Petroleum Hydrocarbons by EPA Method 8015B

CAS Number	Analyte	Analytical Result	RL	MDL
	DRO - 8015B (C10-C28)	**2100**	290	60
	Oil Range Organics (C28-C36)	**2700**	430	35

*See Statement of Data Qualifications

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0804170**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP040808
Client Sample ID:	**APS-040808-18-SD**	Sampled:	04/08/08 11:49
Lab Sample ID:	**0804170-04**	Sampled By:	MTB
Matrix:	Sediment	Received:	04/08/08 16:00
Unit:	mg/kg dry	Prepared:	04/16/08 By: LEW
Dilution Factor:	1	Date Analyzed:	04/17/08 By: LEW
QC Batch:	0804265	Analytical Batch:	8041712

Volatile Petroleum Hydrocarbons by EPA Method 8015B

CAS Number	Analyte	Analytical Result	RL	MDL
	GRO - 8015B (C6-C10)	**2.7 J**	12	2.4

Surrogates	*% Recovery*	*Control Limits*
aaa-Trifluorotoluene	86	*76-113*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0804170**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP040808
Client Sample ID:	**APS-040808-18-SD**	Sampled:	04/08/08 11:49
Lab Sample ID:	**0804170-04**	Sampled By:	MTB
Matrix:	Sediment	Received:	04/08/08 16:00

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
HEM: Oil & Grease	**1700**	870	870	mg/kg dry	1	USEPA-9071B	04/17/08	CLB	0804116
Percent Solids	**46**	0.10	0.10	%	1	USEPA-3550B	04/16/08	KNC	0804214

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0804170**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP040808
Client Sample ID:	**APS-040808-19-SD**	Sampled:	04/08/08 12:02
Lab Sample ID:	**0804170-05**	Sampled By:	MTB
Matrix:	Sediment	Received:	04/08/08 16:00
Unit:	mg/kg dry	Prepared:	04/15/08 By: ASC
Dilution Factor:	20	Date Analyzed:	04/19/08 By: JMK
QC Batch:	0803953	Analytical Batch:	8041910

*Extractable Petroleum Hydrocarbons by EPA Method 8015B

CAS Number	Analyte	Analytical Result	RL	MDL
	DRO - 8015B (C10-C28)	**1700**	270	56
	Oil Range Organics (C28-C36)	**2200**	410	33

*See Statement of Data Qualifications

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0804170**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP040808
Client Sample ID:	**APS-040808-19-SD**	Sampled:	04/08/08 12:02
Lab Sample ID:	**0804170-05**	Sampled By:	MTB
Matrix:	Sediment	Received:	04/08/08 16:00
Unit:	mg/kg dry	Prepared:	04/16/08 By: LEW
Dilution Factor:	1	Date Analyzed:	04/17/08 By: LEW
QC Batch:	0804265	Analytical Batch:	8041712

Volatile Petroleum Hydrocarbons by EPA Method 8015B

CAS Number	Analyte	Analytical Result	RL	MDL
	GRO - 8015B (C6-C10)	11 U	11	2.2

Surrogates	*% Recovery*	*Control Limits*
aaa-Trifluorotoluene	80	*76-113*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0804170**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP040808
Client Sample ID:	**APS-040808-19-SD**	Sampled:	04/08/08 12:02
Lab Sample ID:	**0804170-05**	Sampled By:	MTB
Matrix:	Sediment	Received:	04/08/08 16:00

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
HEM: Oil & Grease	**1100**	820	820	mg/kg dry	1	USEPA-9071B	04/17/08	CLB	0804116
Percent Solids	**49**	0.10	0.10	%	1	USEPA-3550B	04/16/08	KNC	0804214

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QUALITY CONTROL REPORT

Extractable Petroleum Hydrocarbons by EPA Method 8015B

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0803953 3550B Sonication Extraction/USEPA-8015B									
Method Blank						Analyzed:		04/19/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8041910	
DRO - 8015B (C10-C28)			**2.67 J**					6.7	1.4
Oil Range Organics (C28-C36)			10 U					10	0.80
Surrogates									
o-Terphenyl				71	*44-137*				
Laboratory Control Sample						Analyzed:		04/19/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8041910	
DRO - 8015B (C10-C28)			6.7 U		44-135			6.7	1.4
Oil Range Organics (C28-C36)	33.3		**24.2**	73	50-150			10	0.80
Surrogates									
o-Terphenyl				68	*44-137*				
Laboratory Control Sample						Analyzed:		04/19/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8041910	
DRO - 8015B (C10-C28)	33.3		**28.9**	87	44-135			6.7	1.4
Oil Range Organics (C28-C36)			10 U		50-150			10	0.80
Surrogates									
o-Terphenyl				85	*44-137*				

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QUALITY CONTROL REPORT

Volatile Petroleum Hydrocarbons by EPA Method 8015B

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0804265 5030B Aqueous Purge & Trap/USEPA-8015B									
Method Blank						Analyzed:		04/17/2008	By: LEW
Unit: mg/kg wet						Analytical Batch:		8041712	
GRO - 8015B (C6-C10)			5.0 U					5.0	1.0
Method Blank						Analyzed:		04/17/2008	By: LEW
Unit: ug/L						Analytical Batch:		8041712	
Surrogates									
aaa-Trifluorotoluene				88	*76-113*				
Laboratory Control Sample						Analyzed:		04/17/2008	By: LEW
Unit: mg/kg wet						Analytical Batch:		8041712	
GRO - 8015B (C6-C10)		20.0	**21.0**	105	72-118			5.0	1.0
Laboratory Control Sample						Analyzed:		04/17/2008	By: LEW
Unit: ug/L						Analytical Batch:		8041712	
Surrogates									
aaa-Trifluorotoluene				89	*76-113*				
Matrix Spike 0804170-05 APS-040808-19-SD						Analyzed:		04/17/2008	By: LEW
Unit: mg/kg dry						Analytical Batch:		8041712	
GRO - 8015B (C6-C10)	11 U	43.5	**51.7**	119	30-168			11	2.2
Matrix Spike 0804170-05 APS-040808-19-SD						Analyzed:		04/17/2008	By: LEW
Unit: ug/L						Analytical Batch:		8041712	
Surrogates									
aaa-Trifluorotoluene				91	*76-113*				
Matrix Spike Duplicate 0804170-05 APS-040808-19-SD						Analyzed:		04/17/2008	By: LEW
Unit: mg/kg dry						Analytical Batch:		8041712	
GRO - 8015B (C6-C10)	11 U	43.5	**54.6**	126	30-168	5	20	11	2.2
Matrix Spike Duplicate 0804170-05 APS-040808-19-SD						Analyzed:		04/17/2008	By: LEW
Unit: ug/L						Analytical Batch:		8041712	
Surrogates									
aaa-Trifluorotoluene				92	*76-113*				

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte:	**HEM: Oil & Grease**/USEPA-9071B									
QC Batch: 0804116 (Method-Specific Preparation)								Analyzed: 04/17/2008 By: CLB		
Method Blank			400 U	mg/kg wet					400	400
Laboratory Control Sample		4000	**3660**	mg/kg wet	92	76-120			400	400
0804170-05 APS-040808-19-SD										
Matrix Spike	1080	7890	**9540**	mg/kg dry	107	79-114			820	820
Duplicate	1080		**958**	mg/kg dry			12	18	820	820
Analyte:	**Percent Solids**/USEPA-3550B									
QC Batch: 0804214 (General Inorganic Prep)								Analyzed: 04/16/2008 By: KNC		
Method Blank			0.1 U	%					0.1	0.1
0804170-05 APS-040808-19-SD										
Duplicate	49		**48**	%			2	20	0.1	0.1

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STATEMENT OF DATA QUALIFICATIONS

Extractable Petroleum Hydrocarbons by EPA Method 8015B

Qualification: Matrix QC results are not available due to sample dilution.

Analysis: USEPA-8015B

Sample/Analyte: 0804170-05 APS-040808-19-SD

Qualification: Surrogate results are unavailable due to positive results in the sample, resulting in a dilution. Surrogate concentrations were diluted below the calibration range.

Analysis: USEPA-8015B

Sample/Analyte:
0804170-01 APS-040808-15-SD
0804170-02 APS-040808-16-SD
0804170-03 APS-040808-17-SD
0804170-04 APS-040808-18-SD
0804170-05 APS-040808-19-SD

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TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 121674

WAP #040808 ~~WAP08~~

Page 1 of 1

For Lab Use Only
Cart 2 (VOL SOIL (514-RED)
VOA Rack/Tray
Receipt Log No. 1-18
Project Chemist MH
Laboratory Project No. E-0804170

Client Name: U.S. EPA/Weston Solutions, Inc.
Address: 20 N. Wacker Drive, Suite 1210
Phone: Lisa Graczyk (312-424-3339)
Fax:

Project Name: Allied Paper
Client Project No./P.O. No.
Invoice No. ☐ Client ☐ Other (comments)
Contact/Report To: Lisa Graczyk

Analyses Requested

Container Type (corresponds to Container Packing List): (500ml Jar) 22

Number of Containers Submitted

Test Group	Matrix Code	Laboratory Sample Number		Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Oil and Grease, 1.5	TPH-DRO	TPH-ORO	TPH-GRO	Total	Sample Comments
C	SO	-01	1	APS-040808-15-SD	Weston	4/8/08	1102		X	Sed.	1	✓	✓	✓	2	
C		-02	2	APS-040808-16-SD			1117								2	
C		-03	3	APS-040808-17-SD			1135								2	
C		-04	4	APS-040808-18-SD	↓	↓	1149		↓	↓	↓	↓	↓	↓	2	
D		-05	5	APS-040808-19-SD(MS/MSD)	Weston	4/8/08	1202		X	Sed.	2	✓	✓	✓	3	
			6													
			7													
			8													
			9													
			10													

Preservatives
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Sampled By (print): Michael T. Browning
Sampler's Signature: Michael T. Browning
Company: Weston Solutions, Inc.

How Shipped? (Hand) Carrier
Tracking No.

Comments

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Michael T. Browning	4/8/08	1604						
1. Received By	**Date**	**Time**	**2. Received By**	**Date**	**Time**	**3. Received For Lab By**	**Date**	**Time**
							4.8.08	1600

TriMatrixCOC -- COC WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

TriMatrix Laboratories, Inc.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Client: U.S. EPA/WESTON | new / add to | Project-Submittal No.: [illegible]
Receipt Record Page/Line No.: 1-18 | Project Chemist: [illegible] | Sample Nos.: 01-05

Coolers Received

Recorded by (initials/date): DN 4-8-08

☑ Cooler ☐ Box ☐ Other ____ | Qty Received: 1

Thermometer Used: ☑ IR Gun (#94) ☐ Digital Thermometer (#54) ☐ Other (# ____) | ☐ See Additional Cooler Information Form

Cooler No. / Time	Cooler No. / Time	Cooler No. / Time	Cooler No. / Time
TM08447:50			
Custody Seals	**Custody Seals**	**Custody Seals**	**Custody Seals**
☑ none	☐ none	☐ none	☐ none
☐ present / intact	☐ present / intact	☐ present / intact	☐ present / intact
☐ present / not intact	☐ present / not intact	☐ present / not intact	☐ present / not intact
Coolant Location:	**Coolant Location:**	**Coolant Location:**	**Coolant Location:**
Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom
Coolant Temperature Taken Via:	**Coolant / Temperature Taken Via:**	**Coolant / Temperature Taken Via:**	**Coolant / Temperature Taken Via:**
☐ loose ice / avg 2-3 containers	☐ loose ice / avg 2-3 containers	☐ loose ice / avg 2-3 containers	☐ loose ice / avg 2-3 containers
☑ bagged ice / avg 2-3 containers	☐ bagged ice / avg 2-3 containers	☐ bagged ice / avg 2-3 containers	☐ bagged ice / avg 2-3 containers
☐ blue ice / avg 2-3 containers	☐ blue ice / avg 2-3 containers	☐ blue ice / avg 2-3 containers	☐ blue ice / avg 2-3 containers
☐ none / avg 2-3 containers	☐ none / avg 2-3 containers	☐ none / avg 2-3 containers	☐ none / avg 2-3 containers
Alternate Temperature Taken Via:	**Alternate Temperature Taken Via:**	**Alternate Temperature Taken Via:**	**Alternate Temperature Taken Via:**
☐ temperature blank (tb)	☐ temperature blank (tb)	☐ temperature blank (tb)	☐ temperature blank (tb)
☐ 1 container	☐ 1 container	☐ 1 container	☐ 1 container

Recorded °C	Correction Factor °C	Actual °C	Recorded °C	Correction Factor °C	Actual °C	Recorded °C	Correction Factor °C	Actual °C	Recorded °C	Correction Factor °C	Actual °C
tb			tb			tb			tb		
tb location: representative / in ice			tb location: representative / in ice			tb location: representative / in ice			tb location: representative / in ice		
1 5.2	0	5.2	1			1			1		
2 6.0	0	6.0	2			2			2		
3 6.1	0	6.1	3			3			3		
Average °C		5.8	**Average °C**			**Average °C**			**Average °C**		
☑ Cooler ID on COC?			☐ Cooler ID on COC?			☐ Cooler ID on COC?			☐ Cooler ID on COC?		
☐ VOC trip blank received?			☐ VOC trip blank received?			☐ VOC trip blank received?			☐ VOC trip blank received?		

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received

☐ No COC received

N/A	Yes	No	
	☑	☐	**Chain of Custody Record(s)?**
	☐		If No, COC initiated by ____
	☑		Rec'd for Lab signed/date/time?
☑	☐		Shipping Document?
☑	☐		Other ____

COC ID Nos.: 121674

☑ TriMatrix

☐ Other (name or ID#) ____

Check COC for Accuracy

☐ No analysis requested

Yes	No	
☑	☐	Sample ID matches COC?
☑	☐	Sample date and time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Sample Condition Summary

☐ Non-TriMatrix containers, see Notes

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate containers received?
☐	☐	☐	VOC vials have headspace?
☑	☐	☐	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	☑	☐	Average sample temperature ≤6° C?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐		Samples preserved correctly?
☑	☐		If "No", added orange tag?
☐	☑		Received pre-preserved VOC soils?

☑ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☑ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged Containers
☐ Yellow/White-tagged 1L Ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☑ RECEIVED, COCs TO LAB(S)

Notes

☐ Trip blank received ☐ Trip blank not listed on COC
☐ No COC received, Proj. Chemist reviewed (init./date) ____
☐ No analysis requested, Proj. Chemist completed (init./date) ____

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
DN 4-8-08	DN 4-8-08	Yes / No

April 30, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0804555	04/28/2008	WAP042808

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0804555**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP042808
Client Sample ID:	**APS-042808-20-SD/TS20017**	Sampled:	04/28/08 16:06
Lab Sample ID:	**0804555-01**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	04/28/08 17:15
Unit:	mg/kg dry	Prepared:	04/29/08 By: ASC
Dilution Factor:	1	Date Analyzed:	04/30/08 By: JMK
QC Batch:	0804819	Analytical Batch:	8043016

*Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.77 U	0.77	0.0099
11104-28-2	PCB-1221	0.77 U	0.77	0.017
11141-16-5	PCB-1232	0.77 U	0.77	0.020
53469-21-9	PCB-1242	0.77 U	0.77	0.038
12672-29-6	PCB-1248	**0.29 J**	0.77	0.012
11097-69-1	PCB-1254	**0.18 J**	0.77	0.010
11096-82-5	PCB-1260	**0.063 J**	0.77	0.037

Surrogates	% Recovery	Control Limits
Decachlorobiphenyl	86	*36-136*
Tetrachloro-m-xylene	90	*46-120*

*See Statement of Data Qualifications

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0804555**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP042808
Client Sample ID:	**APS-042808-20-SD/TS20017**	Sampled:	04/28/08 16:06
Lab Sample ID:	**0804555-01**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	04/28/08 17:15

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**43**	0.10	0.10	%	1	USEPA-3550B	04/29/08	KNC	0804808

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0804819 3550B Sonication Extraction/USEPA-8082									
Method Blank						Analyzed:		04/30/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8043016	
PCB-1016			0.33 U					0.33	0.0042
PCB-1221			0.33 U					0.33	0.0074
PCB-1232			0.33 U					0.33	0.0084
PCB-1242			0.33 U					0.33	0.016
PCB-1248			0.33 U					0.33	0.0053
PCB-1254			0.33 U					0.33	0.0044
PCB-1260			0.33 U					0.33	0.016
Surrogates									
Decachlorobiphenyl				98	*36-136*				
Tetrachloro-m-xylene				104	*46-120*				
Laboratory Control Sample						Analyzed:		04/30/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8043016	
PCB-1016		0.167	**0.180**	108	72-117			0.33	0.0042
PCB-1260		0.167	**0.149**	89	77-123			0.33	0.016
Surrogates									
Decachlorobiphenyl				100	*36-136*				
Tetrachloro-m-xylene				103	*46-120*				

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte:	**Percent Solids**/USEPA-3550B									
QC Batch: 0804808 (General Inorganic Prep)									Analyzed: 04/29/2008 By: KNC	
Method Blank			0.1 U	%					0.1	0.1
0804555-01 APS-042808-20-SD/TS20017										
Duplicate	43		**42**	%			0.5	20	0.1	0.1

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STATEMENT OF DATA QUALIFICATIONS

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Qualification:	Matrix QC results are not available due to sample matrix interference.
Analysis:	USEPA-8082
Sample/Analyte:	0804555-01 APS-042808-20-SD/TS20017
Qualification:	The RL is elevated due to the percent solids content of the sample.
Analysis:	USEPA-8082
Sample/Analyte:	0804555-01 APS-042808-20-SD/TS20017

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TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 122172

Page 1 of 1

For Lab Use Only

Cart: ~~Volitals Fridge#4~~ Cart #2 4/28/08

VOA Rack/Tray:

Receipt Log No.: 35-8

Project Chemist: LMH

Laboratory Project No.: 0804555

Client Name: U.S. EPA / Weston Solutions Inc.

Address: 20 N. Wacker Drive, Suite 1210 Chicago, IL 60606

Phone: Lisa Graczyk (312-424-3339)

Fax:

Project Name: Allied Paper

Client Project No./P.O. No.:

Invoice No.: ☐ Client ☐ Other (comments)

Contact/Report To: Lisa Graczyk

Analyses Requested: PCBs

Container Type (corresponds to Container Packing List)

Number of Containers Submitted

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Test Group	Matrix Code	Laboratory Sample Number		Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Total	Sample Comments
A	SO	01	1	APS-042808-20-SB/TS20017	Weston	4/28/08	1606	X		Sol.	1	500 mL WM Glass
			2									
			3									
			4									
			5									
			6									
			7									
			8									
			9									
			10									

Sampled By (print): Michael Browning

Sampler's Signature: Michael J Browning

Company: Weston Solution, Inc.

How Shipped? (Hand) Carrier:

Tracking No.:

Comments: 24-hour turn around.

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Michael J Browning	4/28/08	1715						
1. Received By	**Date**	**Time**	**2. Received By**	**Date**	**Time**	**3. Received For Lab By**	**Date**	**Time**
						[signature]	4.29.08	1715

Drop

TriMatrixCOC -- COC

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

TriMatrix Laboratories, Inc.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Client	Project-Submittal No.
US EPA	(new) / add to WA0042808 0804555
Receipt Record Page/Line No. 358	Project Chemist LMH · Sample Nos. 01

Coolers Received

Recorded by (initials/date): JB 4/28/08

- [x] Cooler
- [ ] Box
- [ ] Other____

Qty Received: 1

Thermometer Used:
- [x] IR Gun (#94)
- [ ] Digital Thermometer (#54)
- [ ] Other (#____)

- [ ] See Additional Cooler Information Form

Cooler No.	Time	Cooler No.	Time	Cooler No.	Time	Cooler No.	Time
Theirs	1715						

Each cooler column (printed four times):

Custody Seals
- [ ] none
- [ ] present / intact
- [ ] present / not intact

Coolant Location:
Dispersed / Top / Middle / Bottom

Coolant/Temperature Taken Via:
- [ ] loose ice / avg 2-3 containers
- [ ] bagged ice / avg 2-3 containers
- [ ] blue ice / avg 2-3 containers
- [ ] none / avg 2-3 containers

Alternate Temperature Taken Via:
- [ ] temperature blank (tb)
- [ ] 1 container

	Recorded °C	Correction Factor °C	Actual °C
tb			
tb location: representative / in ice			
1	13.2	—	13.2
2	—	—	—
3	—	—	—
Average °C			13.2

- [ ] Cooler ID on COC?
- [ ] VOC trip blank received?

(Cooler columns 2–4: blank)

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received

- [ ] No COC received

N/A	Yes	No	
	[x]	[ ]	Chain of Custody Record(s)?
	[ ]		If No, COC initiated by ______
	[x]		Rec'd for Lab signed/date/time?
[x]	[ ]		Shipping Document?
[x]	[ ]		Other ______

COC ID Nos.

- [x] TriMatrix 128172
- [ ] Other (name or ID#)______

Check COC for Accuracy

- [ ] No analysis requested

Yes	No	
[x]	[ ]	Sample ID matches COC?
[x]	[ ]	Sample date and time matches COC?
[ ]		Container type completed on COC?
[x]	[ ]	All container types indicated are received?

Sample Condition Summary

- [ ] Non-TriMatrix containers, see Notes

N/A	Yes	No	
	[ ]	[x]	Broken containers/lids?
	[ ]	[x]	Missing or incomplete labels?
	[ ]	[x]	Illegible information on labels?
	[ ]	[x]	Low volume received?
	[ ]	[x]	Inappropriate containers received?
[x]	[ ]	[ ]	VOC vials have headspace?
[x]	[ ]	[ ]	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	[ ]	[x]	Average sample temperature ≤6° C?
[x]	[ ]		Completed Sample Preservation Verification Form?
[x]	[ ]	[ ]	Samples preserved correctly?
[x]	[ ]		If "No", added orange tag?
[x]	[ ]		Received pre-preserved VOC soils?

- [ ] MeOH
- [ ] Na_2SO_4

Check for Short Hold-Time Prep/Analyses

- [ ] Bacteriological
- [ ] Air Bags
- [ ] EnCores / Methanol Pre-Preserved
- [ ] Formaldehyde/Aldehyde
- [ ] Green-tagged Containers
- [ ] Yellow/White-tagged 1L Ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
- [ ] NONE RECEIVED
- [x] RECEIVED, COCs TO LAB(S)

Notes 24 hour turn Around

- [ ] Trip blank received
- [ ] Trip blank not listed on COC
- [ ] No COC received, Proj. Chemist reviewed (init./date) ______
- [ ] No analysis requested, Proj. Chemist completed (init./date) ______

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
JB 4/28/08	JB 4/28/08	(Yes) / No

May 06, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0805086	05/05/2008	Laboratory Services

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0805086**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	Laboratory Services
Client Sample ID:	**APS-050508-21-SD/TS20028**	Sampled:	05/05/08 15:20
Lab Sample ID:	**0805086-01**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	05/05/08 16:50
Unit:	mg/kg dry	Prepared:	05/06/08 By: ASC
Dilution Factor:	1	Date Analyzed:	05/06/08 By: JMK
QC Batch:	0804819	Analytical Batch:	8050641

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.68 U	0.68	0.0087
11104-28-2	PCB-1221	0.68 U	0.68	0.015
11141-16-5	PCB-1232	0.68 U	0.68	0.017
53469-21-9	PCB-1242	0.68 U	0.68	0.034
12672-29-6	PCB-1248	0.68 U	0.68	0.011
11097-69-1	PCB-1254	**0.11 J**	0.68	0.0091
11096-82-5	PCB-1260	**0.056 J**	0.68	0.033

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	97	*36-136*
Tetrachloro-m-xylene	91	*46-120*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0805086**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	Laboratory Services
Client Sample ID:	**APS-050508-21-SD/TS20028**	Sampled:	05/05/08 15:20
Lab Sample ID:	**0805086-01**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	05/05/08 16:50

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**48**	0.10	0.10	%	1	USEPA-3550B	05/06/08	KNC	0805115

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0804819 3550B Sonication Extraction/USEPA-8082									
Method Blank						Analyzed:		05/06/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8050641	
PCB-1016			0.33 U					0.33	0.0042
PCB-1221			0.33 U					0.33	0.0074
PCB-1232			0.33 U					0.33	0.0084
PCB-1242			0.33 U					0.33	0.016
PCB-1248			0.33 U					0.33	0.0053
PCB-1254			0.33 U					0.33	0.0044
PCB-1260			0.33 U					0.33	0.016
Surrogates									
Decachlorobiphenyl				112	*36-136*				
Tetrachloro-m-xylene				99	*46-120*				
Laboratory Control Sample						Analyzed:		05/06/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8050641	
PCB-1254	0.167		**0.180**	108	73-125			0.33	0.0044
Surrogates									
Decachlorobiphenyl				110	*36-136*				
Tetrachloro-m-xylene				100	*46-120*				

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte:	**Percent Solids**/USEPA-3550B									
QC Batch: 0805115 (General Inorganic Prep)								Analyzed: 05/06/2008 By: KNC		
Method Blank			0.1 U	%					0.1	0.1
0805086-01 APS-050508-21-SD/TS20028										
Duplicate	48		**49**	%			2	20	0.1	0.1

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualifications required.

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TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 122037 ✓

Page 1 of 1

For Lab Use Only

Cart

VOA Rack/Tray

Receipt Log No. 47-5

Project Chemist

Laboratory Project No. Q-0805086

Client Name: U.S. EPA/Weston Solutions, Inc.
Address: 20 N. Wacker Drive, Suite 1210 Chicago, IL 60606
Phone: Lisa GraczyK (312-424-3339)
Fax:

Project Name: Allied Paper
Client Project No./P.O. No.
Invoice No. ☐ Client ☐ Other (comments)
Contact/Report To: Lisa GraczyK

Analyses Requested

PCBs

Container Type (corresponds to Container Packing List): (250 ml JAR)
Number of Containers Submitted

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

	Test Group	Matrix Code	Laboratory Sample Number	Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Total	Sample Comments
1			-01	APS-050508-21-SD/TS20028	Weston	5/5/08 ~~1520~~ HTB	1520	X		Sed.	1	
2												
3												
4												
5												
6												
7												
8												
9												
10												

Sampled By (print): Michael T. Browning
Sampler's Signature: Michael T Browning
Company: Weston

How Shipped? (Hand) Carrier
Tracking No.

Comments: 24-hour

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Michael T Browning HTB	5/5/08	~~1650~~ 1650						

1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
						Kim Ziegler	5-5-08	16:50

DROP

TriMatrixCOC -- COC WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

TriMatrix Laboratories, Inc.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Client: U.S. EPA / WESTON
Project-Submittal No.: new / add to ~~UAP 050508~~ 08050816
Receipt Record Page/Line No.: 47-5
Project Chemist: MK
Sample Nos.: 08050816 01

Coolers Received

Recorded by (initials/date): DN 5-5-08

- [x] Cooler
- [ ] Box
- [ ] Other
Qty Received: 1

Thermometer Used:
- [x] IR Gun (#94)
- [ ] Digital Thermometer (#54)
- [ ] Other (#)
- [ ] See Additional Cooler Information Form

	Cooler 1	Cooler 2	Cooler 3	Cooler 4
Cooler No.	—			
Time	16:50			
Custody Seals	[x] none			
Coolant Location	Dispersed (circled)			
Coolant/Temperature Taken Via	[x] bagged ice / avg 2-3 containers			
Alternate Temperature Taken Via				
Recorded °C (1)	17.8			
Correction Factor °C (1)	0			
Actual °C (1)	17.8			
Average °C	17.8			
Cooler ID on COC?	[ ]	[ ]	[ ]	[ ]
VOC trip blank received?	[ ]	[ ]	[ ]	[ ]

Options per cooler: Custody Seals: none / present / intact / present / not intact. Coolant Location: Dispersed / Top / Middle / Bottom. Coolant / Temperature Taken Via: loose ice / avg 2-3 containers; bagged ice / avg 2-3 containers; blue ice / avg 2-3 containers; none / avg 2-3 containers. Alternate Temperature Taken Via: temperature blank (tb); 1 container. tb location: representative / in ice.

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received

- [ ] No COC received

N/A	Yes	No	
	[x]	[ ]	Chain of Custody Record(s)?
	[ ]		If No, COC initiated by
	[x]		Rec'd for Lab signed/date/time?
[x]	[ ]		Shipping Document?
[x]	[ ]		Other

COC ID Nos. 122037

- [x] TriMatrix
- [ ] Other (name or ID#)

Check COC for Accuracy

- [ ] No analysis requested

Yes	No	
[x]	[ ]	Sample ID matches COC?
[x]	[ ]	Sample date and time matches COC?
[x]		Container type completed on COC?
[x]	[ ]	All container types indicated are received?

Sample Condition Summary

- [ ] Non-TriMatrix containers, see Notes

N/A	Yes	No	
	[ ]	[x]	Broken containers/lids?
	[ ]	[x]	Missing or incomplete labels?
	[ ]	[x]	Illegible information on labels?
	[ ]	[x]	Low volume received?
	[ ]	[x]	Inappropriate containers received?
[x]	[ ]	[ ]	VOC vials have headspace?
[x]	[ ]	[ ]	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	[ ]	[x]	Average sample temperature ≤6° C?
[x]	[ ]		Completed Sample Preservation Verification Form?
[x]	[ ]	[ ]	Samples preserved correctly?
[x]	[ ]		If "No", added orange tag?
[x]	[ ]		Received pre-preserved VOC soils?

- [ ] MeOH
- [ ] Na_2SO_4

Check for Short Hold-Time Prep/Analyses

- [ ] Bacteriological
- [ ] Air Bags
- [ ] EnCores / Methanol Pre-Preserved
- [ ] Formaldehyde/Aldehyde
- [ ] ~~Green-tagged Containers~~
- [ ] Yellow/White-tagged 1L Ambers (SV ~~Prep-Lab~~)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
- [ ] NONE RECEIVED
- [x] RECEIVED, COCs TO LAB(S)

Notes

24 hr TAT
PREP LAB

- [ ] Trip blank received
- [ ] Trip blank not listed on COC
- [ ] No COC received, Proj. Chemist reviewed (init./date)
- [ ] No analysis requested, Proj. Chemist completed (init./date)

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
DN 5-5-08	DN 5-5-08	Yes (checked) / No

revision: 2.5

Log In Forms - Receiving Log-In_Checklist

May 09, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0805159	05/08/2008	WAP050808

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0805159**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP050808
Client Sample ID:	**APS-050808-22SD/TS20044**	Sampled:	05/08/08 11:20
Lab Sample ID:	**0805159-01**	Sampled By:	M.Browning
Matrix:	Sediment	Received:	05/08/08 12:45
Unit:	mg/kg dry	Prepared:	05/08/08 By: KB9
Dilution Factor:	1	Date Analyzed:	05/08/08 By: JMK
QC Batch:	0804819	Analytical Batch:	8050920

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.78U	0.78	0.0099
11104-28-2	PCB-1221	0.78U	0.78	0.017
11141-16-5	PCB-1232	0.78U	0.78	0.020
53469-21-9	PCB-1242	0.78U	0.78	0.038
12672-29-6	PCB-1248	**0.49J**	0.78	0.012
11097-69-1	PCB-1254	0.78U	0.78	0.010
11096-82-5	PCB-1260	**0.14J**	0.78	0.037

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	114	*36-136*
Tetrachloro-m-xylene	86	*46-120*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0805159**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP050808
Client Sample ID:	**APS-050808-22SD/TS20044**	Sampled:	05/08/08 11:20
Lab Sample ID:	**0805159-01**	Sampled By:	M.Browning
Matrix:	Sediment	Received:	05/08/08 12:45

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**42**	0.10	0.10	%	1	USEPA-3550B	05/08/08	KNC	0805266

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0804819 3550B Sonication Extraction/USEPA-8082									
Method Blank						Analyzed:		05/08/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8050920	
PCB-1016			0.33 U					0.33	0.0042
PCB-1221			0.33 U					0.33	0.0074
PCB-1232			0.33 U					0.33	0.0084
PCB-1242			0.33 U					0.33	0.016
PCB-1248			0.33 U					0.33	0.0053
PCB-1254			0.33 U					0.33	0.0044
PCB-1260			0.33 U					0.33	0.016
Surrogates									
Decachlorobiphenyl				114	*36-136*				
Tetrachloro-m-xylene				99	*46-120*				
Laboratory Control Sample						Analyzed:		05/08/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8050920	
PCB-1254	0.167		**0.168**	101	73-125			0.33	0.0044
Surrogates									
Decachlorobiphenyl				115	*36-136*				
Tetrachloro-m-xylene				99	*46-120*				

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte:	**Percent Solids**/USEPA-3550B									
QC Batch: 0805266 (General Inorganic Prep)								Analyzed: 05/08/2008 By: KNC		
Method Blank			0.1 U	%					0.1	0.1
0805159-01 APS-050808-22SD/TS20044										
Duplicate	42		**42**	%			0.05	20	0.1	0.1

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualifications required.

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 122038

Page 1 of 1

For Lab Use Only

Cart: —

VOA Rack/Tray: —

Receipt Log No. 3-11

Project Chemist: LMH

Laboratory Project No. 0805159

LAP 050808

Client Name: U.S. EPA/Weston Solutions, Inc.

Address: 20 N. Wacker Drive, Suite 1210 Chicago, IL 60606

Phone: Lisa Graczyk (312-424-3339)

Fax:

Project Name: Allied Paper

Client Project No./P.O. No.:

Invoice No. ☐ Client ☐ Other (comments)

Contact/Report To: Lisa Graczyk

Analyses Requested

PCBs

Container Type (corresponds to Container Packing List)

17

Number of Containers Submitted

Total

PRESERVATIVES

A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

	Test Group	Matrix Code	Laboratory Sample Number	Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Number of Containers Submitted	Total	Sample Comments
1	01	SO	-01	APS-050808-22-SD/TS20044	Weston	5/8/08	1120	X		Sed.	✓		
2													
3													
4													
5													
6													
7													
8													
9													
10													

Sampled By (print): Michael Browning

Sampler's Signature: Michael J Browning

Company: Weston Solutions, Inc.

How Shipped? (Hand) Carrier

Tracking No.

Comments: 24-hour

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Michael J Browning	5/8/08	1245						

1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
							1245 5/8/08	

OVOP

TriMatrixCOC -- COC

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

May 15, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0805307	05/14/2008	WAP051408

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0805307**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP051408
Client Sample ID:	**APS-051408-23SD/TS20052**	Sampled:	05/14/08 14:12
Lab Sample ID:	**0805307-01**	Sampled By:	M.Browning
Matrix:	Sediment	Received:	05/14/08 15:40
Unit:	mg/kg dry	Prepared:	05/15/08 By: ASC
Dilution Factor:	1	Date Analyzed:	05/15/08 By: DJM
QC Batch:	0805369	Analytical Batch:	8051554

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.41 U	0.41	0.0052
11104-28-2	PCB-1221	0.41 U	0.41	0.0092
11141-16-5	PCB-1232	0.41 U	0.41	0.010
53469-21-9	PCB-1242	0.41 U	0.41	0.020
12672-29-6	PCB-1248	0.41 U	0.41	0.0066
11097-69-1	PCB-1254	0.41 U	0.41	0.0055
11096-82-5	PCB-1260	0.41 U	0.41	0.020

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	83	*36-136*
Tetrachloro-m-xylene	91	*46-120*

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0805307**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP051408
Client Sample ID:	**APS-051408-23SD/TS20052**	Sampled:	05/14/08 14:12
Lab Sample ID:	**0805307-01**	Sampled By:	M.Browning
Matrix:	Sediment	Received:	05/14/08 15:40

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**80**	0.10	0.10	%	1	USEPA-3550B	05/14/08	KNC	0805576

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0805369 3550B Sonication Extraction/USEPA-8082									
Method Blank						Analyzed:		05/15/2008	By: DJM
Unit: mg/kg wet						Analytical Batch:		8051554	
PCB-1016			0.33 U					0.33	0.0042
PCB-1221			0.33 U					0.33	0.0074
PCB-1232			0.33 U					0.33	0.0084
PCB-1242			0.33 U					0.33	0.016
PCB-1248			0.33 U					0.33	0.0053
PCB-1254			0.33 U					0.33	0.0044
PCB-1260			0.33 U					0.33	0.016
Surrogates									
Decachlorobiphenyl				101	*36-136*				
Tetrachloro-m-xylene				99	*46-120*				
Laboratory Control Sample						Analyzed:		05/15/2008	By: DJM
Unit: mg/kg wet						Analytical Batch:		8051554	
PCB-1254		0.167	**0.163**	98	73-125			0.33	0.0044
Surrogates									
Decachlorobiphenyl				95	*36-136*				
Tetrachloro-m-xylene				96	*46-120*				

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte:	**Percent Solids**/USEPA-3550B									
QC Batch: 0805576 (General Inorganic Prep)									Analyzed: 05/14/2008 By: KNC	
Method Blank			0.1 U	%					0.1	0.1
0805307-01 APS-051408-23SD/TS20052										
Duplicate	80		**83**	%			4	20	0.1	0.1

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualifications required.

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May 30, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0805611	05/29/2008	WAP052908

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0805611**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP052908
Client Sample ID:	**APS-052908-24-SD/TS20068**	Sampled:	05/29/08 09:35
Lab Sample ID:	**0805611-01**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	05/29/08 12:36
Unit:	mg/kg dry	Prepared:	05/29/08 By: ASC
Dilution Factor:	1	Date Analyzed:	05/29/08 By: JMK
QC Batch:	0806292	Analytical Batch:	8053011

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.065 U	0.065	0.0083
11104-28-2	PCB-1221	0.065 U	0.065	0.015
11141-16-5	PCB-1232	0.065 U	0.065	0.017
53469-21-9	PCB-1242	0.065 U	0.065	0.032
12672-29-6	PCB-1248	0.065 U	0.065	0.010
11097-69-1	PCB-1254	**0.15**	0.065	0.0087
11096-82-5	PCB-1260	**0.22**	0.065	0.031

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	73	*36-136*
Tetrachloro-m-xylene	77	*46-120*

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0805611**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP052908
Client Sample ID:	**APS-052908-24-SD/TS20068**	Sampled:	05/29/08 09:35
Lab Sample ID:	**0805611-01**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	05/29/08 12:36

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**51**	0.10	0.10	%	1	USEPA-3550B	05/29/08	KNC	0806355

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0805611**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP052908
Client Sample ID:	**APS-052908-25-SD/TS20069**	Sampled:	05/29/08 10:40
Lab Sample ID:	**0805611-02**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	05/29/08 12:36
Unit:	mg/kg dry	Prepared:	05/29/08 By: ASC
Dilution Factor:	1	Date Analyzed:	05/29/08 By: JMK
QC Batch:	0806292	Analytical Batch:	8053011

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.065 U	0.065	0.0083
11104-28-2	PCB-1221	0.065 U	0.065	0.015
11141-16-5	PCB-1232	0.065 U	0.065	0.017
53469-21-9	PCB-1242	0.065 U	0.065	0.032
12672-29-6	PCB-1248	**0.60**	0.065	0.010
11097-69-1	PCB-1254	**0.29**	0.065	0.0086
11096-82-5	PCB-1260	**0.080**	0.065	0.031

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	74	*36-136*
Tetrachloro-m-xylene	82	*46-120*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0805611**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP052908
Client Sample ID:	**APS-052908-25-SD/TS20069**	Sampled:	05/29/08 10:40
Lab Sample ID:	**0805611-02**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	05/29/08 12:36

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**51**	0.10	0.10	%	1	USEPA-3550B	05/29/08	KNC	0806355

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0806292 3550B Sonication Extraction/USEPA-8082									
Method Blank						Analyzed:		05/29/2008	By: JLW
Unit: mg/kg wet						Analytical Batch:		8053011	
PCB-1016			0.033 U					0.033	0.0042
PCB-1221			0.033 U					0.033	0.0074
PCB-1232			0.033 U					0.033	0.0084
PCB-1242			0.033 U					0.033	0.016
PCB-1248			0.033 U					0.033	0.0053
PCB-1254			0.033 U					0.033	0.0044
PCB-1260			0.033 U					0.033	0.016
Surrogates									
Decachlorobiphenyl				91	*36-136*				
Tetrachloro-m-xylene				85	*46-120*				
Laboratory Control Sample						Analyzed:		05/29/2008	By: JLW
Unit: mg/kg wet						Analytical Batch:		8053011	
PCB-1254		0.167	**0.157**	94	73-125			0.033	0.0044
Surrogates									
Decachlorobiphenyl				84	*36-136*				
Tetrachloro-m-xylene				84	*46-120*				

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte:	**Percent Solids**/USEPA-3550B									
QC Batch: 0806355 (General Inorganic Prep)								Analyzed: 05/29/2008 By: KNC		
Method Blank			0.1 U	%					0.1	0.1
0805611-01 APS-052908-24-SD/TS20068										
Duplicate	51		**51**	%			1	20	0.1	0.1

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualifications required.

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TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 124173

Page 1 of 1

For Lab Use Only
Cart
VOA Rack/Tray —
Receipt Log No. 37.12
Project Chemist
Laboratory Project No. 0805611

Client Name: U.S.EPA/Weston Solutions, Inc.
Address: 20 N. Wacker, Suite 1210 Chicago, IL 60606
Phone: LisaGraceyK (312-424-3339)
Fax:

Project Name: Allied Paper
Client Project No./P.O. No.
Invoice No. ☐ Client ☐ Other (comments)
Contact/Report To: LisaGraceyK

Analyses Requested: PCBs

Container Type (corresponds to Container Packing List)
Number of Containers Submitted: 17 (250 ml)

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Test Group	Matrix Code	Laboratory Sample Number		Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix		Total	Sample Comments
		01	1	APS-052908-24-SD/TS20068	Weston	5/29/08	0935	X		Sed.	✓		
		02	2	APS-052908-25-SD/TS20069	Weston	5/29/08	1040	X		Sed.	✓		
			3										
			4										
			5										
			6										
			7										
			8										
			9										
			10										

Sampled By (print): Michael Browning
Sampler's Signature: Michael J Browning
Company: Weston Solutions, Inc.

How Shipped? (Hand) Carrier
Tracking No.

Comments: 24-hour

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Michael J Browning	5/29/08	1536						
1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
						[illegible]	5.29.08	1230

TriMatrixCOC -- COC WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

TriMatrix Laboratories, Inc.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Client: Weston	Project-Submittal No. 0805611 new / add to
Receipt Record Page/Line No. 37.12	Project Chemist: MH; Sample Nos. 01-02 WAP052508

Coolers Received

Recorded by (initials/date)		Qty Received	Thermometer Used	
WC 5.29.08	☑ Cooler ☐ Box ☐ Other	1	☑ IR Gun (#94) ☐ Digital Thermometer (#54) ☐ Other (#)	☐ See Additional Cooler Information Form

	Cooler 1	Cooler 2	Cooler 3	Cooler 4
Cooler No.	—			
Time	1238			
Custody Seals	☑ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact
Coolant Location: Dispersed / Top / Middle / Bottom	Top, Bottom circled			
Coolant/Temperature Taken Via	☐ loose ice / avg 2-3 containers ☑ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers	☐ loose ice ☐ bagged ice ☐ blue ice ☐ none	☐ loose ice ☐ bagged ice ☐ blue ice ☐ none	☐ loose ice ☐ bagged ice ☐ blue ice ☐ none
Alternate Temperature Taken Via	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container

Cooler 1 temperatures:

	Recorded °C	Correction Factor °C	Actual °C
tb			
tb location: representative / in ice			
1	12.6	—	12.6
2	14.1	-	14.1
3			
Average °C			13.4

Coolers 2–4: Recorded °C / Correction Factor °C / Actual °C; tb; tb location: representative / in ice; 1; 2; 3; Average °C — blank.

Each cooler: ☐ Cooler ID on COC? ☐ VOC trip blank received?

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received

☐ No COC received

N/A	Yes	No	
	☑	☐	Chain of Custody Record(s)?
	☐		If No, COC initiated by
	☑		Rec'd for Lab signed/date/time?
☑	☐		Shipping Document?
☑	☐		Other

COC ID Nos. 124173

☑ TriMatrix

☐ Other (name or ID#)

Check COC for Accuracy

☐ No analysis requested

Yes	No	
☑	☐	Sample ID matches COC?
☑	☐	Sample date and time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Sample Condition Summary

☐ Non-TriMatrix containers, see Notes

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate containers received?
☑	☐	☐	VOC vials have headspace?
☐	☐	☑	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	☐	☑	Average sample temperature ≤6° C?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐	☐	Samples preserved correctly?
☑	☐		If "No", added orange tag?
☑	☐		Received pre-preserved VOC soils? ☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged Containers
☐ Yellow/White-tagged 1L Ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☑ RECEIVED, COCs TO LAB(S)

Notes

Rush

☐ Trip blank received ☐ Trip blank not listed on COC
☐ No COC received, Proj. Chemist reviewed (init./date)
☐ No analysis requested, Proj. Chemist completed (init./date)

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
5.29.08 1236	5.29.08 1240	(Yes) / No

June 11, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0806174	06/09/2008	WAP060908

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0806174**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP060908
Client Sample ID:	**APS-060908-26-SD/TS20076**	Sampled:	06/09/08 16:15
Lab Sample ID:	**0806174-01**	Sampled By:	M.Browning
Matrix:	Sediment	Received:	06/09/08 17:20
Unit:	mg/kg dry	Prepared:	06/10/08 By: ASC
Dilution Factor:	1	Date Analyzed:	06/10/08 By: JMK
QC Batch:	0806847	Analytical Batch:	8061052

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.81 U	0.81	0.010
11104-28-2	PCB-1221	0.81 U	0.81	0.018
11141-16-5	PCB-1232	0.81 U	0.81	0.021
53469-21-9	PCB-1242	0.81 U	0.81	0.040
12672-29-6	PCB-1248	0.81 U	0.81	0.013
11097-69-1	PCB-1254	0.81 U	0.81	0.011
11096-82-5	PCB-1260	0.81 U	0.81	0.039

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	70	*36-136*
Tetrachloro-m-xylene	87	*46-120*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0806174**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP060908
Client Sample ID:	**APS-060908-26-SD/TS20076**	Sampled:	06/09/08 16:15
Lab Sample ID:	**0806174-01**	Sampled By:	M.Browning
Matrix:	Sediment	Received:	06/09/08 17:20

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**41**	0.10	0.10	%	1	USEPA-3550B	06/10/08	KNC	0806866

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0806847 3550B Sonication Extraction/USEPA-8082									
Method Blank						Analyzed:		06/10/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8061052	
PCB-1016			0.33 U					0.33	0.0042
PCB-1221			0.33 U					0.33	0.0074
PCB-1232			0.33 U					0.33	0.0084
PCB-1242			0.33 U					0.33	0.016
PCB-1248			0.33 U					0.33	0.0053
PCB-1254			0.33 U					0.33	0.0044
PCB-1260			0.33 U					0.33	0.016
Surrogates									
Decachlorobiphenyl				86	*36-136*				
Tetrachloro-m-xylene				102	*46-120*				
Laboratory Control Sample						Analyzed:		06/10/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8061052	
PCB-1254	0.167		**0.170**	102	73-125			0.33	0.0044
Surrogates									
Decachlorobiphenyl				87	*36-136*				
Tetrachloro-m-xylene				99	*46-120*				

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte:	**Percent Solids**/USEPA-3550B									
QC Batch: 0806866 (General Inorganic Prep)									Analyzed: 06/10/2008 By: KNC	
Method Blank			0.1 U	%					0.1	0.1
0806174-01 APS-060908-26-SD/TS20076										
Duplicate	41		**39**	%			4	20	0.1	0.1

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualifications required.

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TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 124172

Page 1 of 1

WAY 060908

For Lab Use Only

Cart —

VOA Rack/Tray —

Receipt Log No. 5-8

Project Chemist LMH

Laboratory Project No. 08061174

Client Name: U.S. EPA / Weston Solutions Inc.

Address: 20 N. Wacker, Suite 1210 Chicago, IL 60606

Phone: Lisa GraczyK (312-424-3339)

Fax:

Project Name: Allied Paper

Client Project No./P.O. No.

Invoice No. ☐ Client ☐ Other (comments)

Contact/Report To: Lisa GraczyK

Analyses Requested

PCBs

Container Type (corresponds to Container Packing List)

Number of Containers Submitted

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Test Group	Matrix Code	Laboratory Sample Number		Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Total	Sample Comments
01		-01	1	APS-060908-26-SD/TS20076	Weston	6/9/08	1615	X			√	
			2									
			3									
			4									
			5									
			6									
			7									
			8									
			9									
			10									

Sampled By (print): Michael Browning

Sampler's Signature: Michael J Browning

Company: Weston Solutions, Inc.

How Shipped? (Hand) Carrier

Tracking No.

Comments: 24-hour

1. Relinquished By	Date	Time
Michael J Browning	6/9/08	1720

1. Received By	Date	Time

2. Relinquished By	Date	Time

2. Received By	Date	Time

3. Relinquished By	Date	Time

3. Received For Lab By	Date	Time
[signature]	6/9/08	1720

Drop

TriMatrixCOC -- COC

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

TriMatrix Laboratories, Inc.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Client	US EPA Weston	Project-Submittal No.	new / add to WAP 0609108
Receipt Record Page/Line No.	5-8	Project Chemist: MH	Sample Nos. ① R0806174

Coolers Received

Recorded by (initials/date) [handwritten initials]

- [ ] Cooler
- [ ] Box — Sample
- [x] Other — Drop

Qty Received: 1

Thermometer Used:
- [x] IR Gun (#94)
- [ ] Digital Thermometer (#54)
- [ ] Other (# ____)

- [ ] See Additional Cooler Information Form

Cooler No.	Time	Cooler No.	Time	Cooler No.	Time	Cooler No.	Time
—							

Cooler 1

Custody Seals
- [x] none
- [ ] present / intact
- [ ] present / not intact

Coolant Location: Dispersed / (Top) / Middle / Bottom

Coolant/Temperature Taken Via:
- [ ] loose ice / avg 2-3 containers
- [x] bagged ice / avg 2-3 containers
- [ ] blue ice / avg 2-3 containers
- [ ] none / avg 2-3 containers

Alternate Temperature Taken Via:
- [ ] temperature blank (tb)
- [ ] 1 container

	Recorded °C	Correction Factor °C	Actual °C
tb	—	—	—
tb location: representative / in ice			
1	15.1	—	15.1
2	—	—	—
3	—	—	—
Average °C			15.1

- [ ] Cooler ID on COC?
- [ ] VOC trip blank received?

Coolers 2, 3 and 4 (blank)

Custody Seals
- [ ] none
- [ ] present / intact
- [ ] present / not intact

Coolant Location: Dispersed / Top / Middle / Bottom

Coolant / Temperature Taken Via:
- [ ] loose ice / avg 2-3 containers
- [ ] bagged ice / avg 2-3 containers
- [ ] blue ice / avg 2-3 containers
- [ ] none / avg 2-3 containers

Alternate Temperature Taken Via:
- [ ] temperature blank (tb)
- [ ] 1 container

	Recorded °C	Correction Factor °C	Actual °C
tb			
tb location: representative / in ice			
1			
2			
3			
Average °C			

- [ ] Cooler ID on COC?
- [ ] VOC trip blank received?

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received

- [ ] No COC received

N/A	Yes	No	
	[x]	[ ]	Chain of Custody Record(s)?
	[ ]		If No, COC initiated by ______
	[x]		Rec'd for Lab signed/date/time?
[x]	[ ]		Shipping Document?
[x]	[ ]		Other ______

COC ID Nos.

- [x] TriMatrix 184172
- [ ] Other (name or ID#) ______

Check COC for Accuracy

- [ ] No analysis requested

Yes	No	
[x]	[ ]	Sample ID matches COC?
[x]	[ ]	Sample date and time matches COC?
[x]		Container type completed on COC?
[x]	[ ]	All container types indicated are received?

Sample Condition Summary

- [ ] Non-TriMatrix containers, see Notes

N/A	Yes	No	
	[ ]	[x]	Broken containers/lids?
	[ ]	[x]	Missing or incomplete labels?
	[ ]	[x]	Illegible information on labels?
	[ ]	[x]	Low volume received?
	[ ]	[x]	Inappropriate containers received?
[x]	[ ]	[ ]	VOC vials have headspace?
[x]	[ ]	[ ]	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	[ ]	[x]	Average sample temperature ≤6° C?
[x]	[ ]		Completed Sample Preservation Verification Form?
[x]	[ ]	[ ]	Samples preserved correctly?
[x]	[ ]		If "No", added orange tag?
[x]	[ ]		Received pre-preserved VOC soils?

- [ ] MeOH
- [ ] Na_2SO_4

Check for Short Hold-Time Prep/Analyses

- [ ] Bacteriological
- [ ] Air Bags
- [ ] EnCores / Methanol Pre-Preserved
- [ ] Formaldehyde/Aldehyde
- [ ] Green-tagged Containers
- [ ] Yellow/White-tagged 1L Ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
- [ ] NONE RECEIVED
- [x] RECEIVED, COCs TO LAB(S)

Notes 24 hr TAT

- [ ] Trip blank received
- [ ] Trip blank not listed on COC
- [ ] No COC received, Proj. Chemist reviewed (init./date) ______
- [ ] No analysis requested, Proj. Chemist completed (init./date) ______

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
6.9.08 1730	6.9.08 1730	Yes / No

June 16, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0806314	06/13/2008	WAP061208

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0806314**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP061208
Client Sample ID:	**APS-061208-27-SD/K55354**	Sampled:	06/12/08 19:23
Lab Sample ID:	**0806314-01**	Sampled By:	M.Browning
Matrix:	Sediment	Received:	06/13/08 16:40
Unit:	mg/kg dry	Prepared:	06/16/08 By: ASC
Dilution Factor:	10	Date Analyzed:	06/16/08 By: JMK
QC Batch:	0806848	Analytical Batch:	8061647

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.60 U	0.60	0.076
11104-28-2	PCB-1221	0.60 U	0.60	0.13
11141-16-5	PCB-1232	0.60 U	0.60	0.15
53469-21-9	PCB-1242	0.60 U	0.60	0.29
12672-29-6	PCB-1248	0.60 U	0.60	0.096
11097-69-1	PCB-1254	**3.3**	0.60	0.080
11096-82-5	PCB-1260	0.60 U	0.60	0.29

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	82	*36-136*
Tetrachloro-m-xylene	85	*46-120*

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0806314**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP061208
Client Sample ID:	**APS-061208-27-SD/K55354**	Sampled:	06/12/08 19:23
Lab Sample ID:	**0806314-01**	Sampled By:	M.Browning
Matrix:	Sediment	Received:	06/13/08 16:40

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**55**	0.10	0.10	%	1	USEPA-3550B	06/16/08	KNC	0807087

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0806314**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP061208
Client Sample ID:	**APS-061208-27-DP/K55354**	Sampled:	06/12/08 19:23
Lab Sample ID:	**0806314-02**	Sampled By:	M.Browning
Matrix:	Sediment	Received:	06/13/08 16:40
Unit:	mg/kg dry	Prepared:	06/16/08 By: ASC
Dilution Factor:	20	Date Analyzed:	06/16/08 By: JMK
QC Batch:	0806848	Analytical Batch:	8061647

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	1.2U	1.2	0.15
11104-28-2	PCB-1221	1.2U	1.2	0.27
11141-16-5	PCB-1232	1.2U	1.2	0.31
53469-21-9	PCB-1242	1.2U	1.2	0.60
12672-29-6	PCB-1248	**6.6**	1.2	0.19
11097-69-1	PCB-1254	**6.5**	1.2	0.16
11096-82-5	PCB-1260	**1.6**	1.2	0.58

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	72	*36-136*
Tetrachloro-m-xylene	88	*46-120*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0806314**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP061208
Client Sample ID:	**APS-061208-27-DP/K55354**	Sampled:	06/12/08 19:23
Lab Sample ID:	**0806314-02**	Sampled By:	M.Browning
Matrix:	Sediment	Received:	06/13/08 16:40

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**55**	0.10	0.10	%	1	USEPA-3550B	06/16/08	KNC	0807087

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0806314**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP061208
Client Sample ID:	**APS-061208-28-SD/K55356**	Sampled:	06/12/08 19:45
Lab Sample ID:	**0806314-03**	Sampled By:	M.Browning
Matrix:	Sediment	Received:	06/13/08 16:40
Unit:	mg/kg dry	Prepared:	06/16/08 By: ASC
Dilution Factor:	10	Date Analyzed:	06/16/08 By: JMK
QC Batch:	0806848	Analytical Batch:	8061647

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.55 U	0.55	0.070
11104-28-2	PCB-1221	0.55 U	0.55	0.12
11141-16-5	PCB-1232	0.55 U	0.55	0.14
53469-21-9	PCB-1242	0.55 U	0.55	0.27
12672-29-6	PCB-1248	**4.8**	0.55	0.088
11097-69-1	PCB-1254	**2.2**	0.55	0.073
11096-82-5	PCB-1260	0.55 U	0.55	0.26

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	81	*36-136*
Tetrachloro-m-xylene	86	*46-120*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0806314**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP061208
Client Sample ID:	**APS-061208-28-SD/K55356**	Sampled:	06/12/08 19:45
Lab Sample ID:	**0806314-03**	Sampled By:	M.Browning
Matrix:	Sediment	Received:	06/13/08 16:40

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**60**	0.10	0.10	%	1	USEPA-3550B	06/16/08	KNC	0807087

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0806314**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP061208
Client Sample ID:	**APS-061208-29-SD/K55352**	Sampled:	06/12/08 20:08
Lab Sample ID:	**0806314-04**	Sampled By:	M.Browning
Matrix:	Sediment	Received:	06/13/08 16:40
Unit:	mg/kg dry	Prepared:	06/16/08 By: ASC
Dilution Factor:	5	Date Analyzed:	06/16/08 By: JMK
QC Batch:	0806848	Analytical Batch:	8061647

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.24U	0.24	0.030
11104-28-2	PCB-1221	0.24U	0.24	0.053
11141-16-5	PCB-1232	0.24U	0.24	0.060
53469-21-9	PCB-1242	0.24U	0.24	0.12
12672-29-6	PCB-1248	**2.5**	0.24	0.038
11097-69-1	PCB-1254	0.24U	0.24	0.032
11096-82-5	PCB-1260	**0.27**	0.24	0.11

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	84	*36-136*
Tetrachloro-m-xylene	86	*46-120*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0806314**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP061208
Client Sample ID:	**APS-061208-29-SD/K55352**	Sampled:	06/12/08 20:08
Lab Sample ID:	**0806314-04**	Sampled By:	M.Browning
Matrix:	Sediment	Received:	06/13/08 16:40

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**70**	0.10	0.10	%	1	USEPA-3550B	06/16/08	KNC	0807087

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0806848 3550B Sonication Extraction/USEPA-8082									
Method Blank						Analyzed:		06/16/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8061647	
PCB-1016			0.033 U					0.033	0.0042
PCB-1221			0.033 U					0.033	0.0074
PCB-1232			0.033 U					0.033	0.0084
PCB-1242			0.033 U					0.033	0.016
PCB-1248			0.033 U					0.033	0.0053
PCB-1254			0.033 U					0.033	0.0044
PCB-1260			0.033 U					0.033	0.016
Surrogates									
Decachlorobiphenyl				93	*36-136*				
Tetrachloro-m-xylene				96	*46-120*				
Laboratory Control Sample						Analyzed:		06/16/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8061647	
PCB-1254		0.167	**0.165**	99	73-125			0.033	0.0044
Surrogates									
Decachlorobiphenyl				93	*36-136*				
Tetrachloro-m-xylene				98	*46-120*				

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte:	**Percent Solids**/USEPA-3550B									
QC Batch: 0807087 (General Inorganic Prep)									Analyzed: 06/16/2008 By: KNC	
Method Blank			0.1 U	%					0.1	0.1
0806314-03 APS-061208-28-SD/K55356										
Duplicate	60		**61**	%			0.7	20	0.1	0.1

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualifications required.

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TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 121673

Page 1 of 1

WAPD612008

For Lab Use Only
Cart: 9
VOA Rack/Tray:
Receipt Log No.: 13-18
Project Chemist:
Laboratory Project No.: E080314

Client Name: U.S.EPA/Weston Solutions, Inc.
Address: 20 N. Wacker, Suite 1210 Chicago, IL 60606
Phone: Lisa GraczyK (312-424-3339)
Fax:

Project Name: Allied Paper
Client Project No./P.O. No.:
Invoice No.: ☐ Client ☐ Other (comments)
Contact/Report To: Lisa GraczyK

Analyses Requested: PCBs

Container Type (corresponds to Container Packing List)

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Test Group	Matrix Code	Laboratory Sample Number		Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Number of Containers Submitted: 17	Total	Sample Comments
A		-01	1	APS-061208-27-SD/K55354	Weston	6/12/08	1923	X		Sed.	✓	1	
		-02	2	APS-061208-27-SD-DP/K55354			1923	X			✓	1	
		-03	3	APS-061208-28-SD/K55356 (MTB)			1945	X			✓	1	
		-04	4	APS-061208-29-SD/K55352 (MTB)	Weston	6/12/08	2008		X	Sed.	✓	1	
			5										
			6										
			7										
			8										
			9										
			10										

Sampled By (print): Michael Browning
Sampler's Signature: Michael J Browning
Company: Weston Solutions, Inc.

How Shipped? (Hand) Carrier:
Tracking No.:

Comments:

	Relinquished By	Date	Time	Received By	Date	Time
1	Michael J Browning	6/13/08	1006			
2	Michael J Browning	6/13/08	1505	Kelly Hwason	6/13/08	1505
3		6/13/08	1610		6-13-08	1610

TriMatrixCOC -- COC WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

June 25, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0806496	06/24/2008	WAP062408

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0806496**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP062408
Client Sample ID:	**APS-062408-30-SD/TS20090**	Sampled:	06/24/08 09:20
Lab Sample ID:	**0806496-01**	Sampled By:	Ms. Kelly Hudson
Matrix:	Sediment	Received:	06/24/08 14:05
Unit:	mg/kg dry	Prepared:	06/24/08 By: ASC
Dilution Factor:	1	Date Analyzed:	06/25/08 By: JLW
QC Batch:	0807236	Analytical Batch:	8062504

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.75 U	0.75	0.0096
11104-28-2	PCB-1221	0.75 U	0.75	0.017
11141-16-5	PCB-1232	0.75 U	0.75	0.019
53469-21-9	PCB-1242	0.75 U	0.75	0.037
12672-29-6	PCB-1248	0.75 U	0.75	0.012
11097-69-1	PCB-1254	0.75 U	0.75	0.010
11096-82-5	PCB-1260	0.75 U	0.75	0.036

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	81	*36-136*
Tetrachloro-m-xylene	95	*46-120*

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0806496**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP062408
Client Sample ID:	**APS-062408-30-SD/TS20090**	Sampled:	06/24/08 09:20
Lab Sample ID:	**0806496-01**	Sampled By:	Ms. Kelly Hudson
Matrix:	Sediment	Received:	06/24/08 14:05

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**44**	0.10	0.10	%	1	USEPA-3550B	06/24/08	KNC	0807554

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0807236 3550B Sonication Extraction/USEPA-8082									
Method Blank						Analyzed:		06/25/2008	By: JLW
Unit: mg/kg wet						Analytical Batch:		8062504	
PCB-1016			0.33 U					0.33	0.0042
PCB-1221			0.33 U					0.33	0.0074
PCB-1232			0.33 U					0.33	0.0084
PCB-1242			0.33 U					0.33	0.016
PCB-1248			0.33 U					0.33	0.0053
PCB-1254			0.33 U					0.33	0.0044
PCB-1260			0.33 U					0.33	0.016
Surrogates									
Decachlorobiphenyl				90	*36-136*				
Tetrachloro-m-xylene				105	*46-120*				
Laboratory Control Sample						Analyzed:		06/25/2008	By: JLW
Unit: mg/kg wet						Analytical Batch:		8062504	
PCB-1254		0.167	**0.168**	101	73-125			0.33	0.0044
Surrogates									
Decachlorobiphenyl				88	*36-136*				
Tetrachloro-m-xylene				103	*46-120*				

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte:	**Percent Solids**/USEPA-3550B									
QC Batch: 0807554 (General Inorganic Prep)								Analyzed: 06/24/2008 By: KNC		
Method Blank			0.1 U	%					0.1	0.1
0806496-01 APS-062408-30-SD/TS20090										
Duplicate	44		**44**	%			0.08	20	0.1	0.1

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualifications required.

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TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 124171

Page 1 of 1

WAP 062408

For Lab Use Only

Cart:

VOA Rack/Tray:

Receipt Log No. 3175-12

Project Chemist: MH

Laboratory Project No. 0806496

Client Name: USEPA/Weston Solutions Inc	Project Name: Allied Paper
Address: 20 N Wacker, Suite 1210	Client Project No./P.O. No.
Chicago IL 60606	Invoice No. ☐ Client ☐ Other (comments)
Phone 312-424-3339	Contact/Report To: Lisa Graczyk
Fax	

Analyses Requested

PCBs, TS

Container Type (corresponds to Container Packing List)

Number of Containers Submitted: 19

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

	Test Group	Matrix Code	Laboratory Sample Number	Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Total	Sample Comments
1		SO	01	APS-062408-30-SD/ TS20090	Weston	6/24/08	0920	X		Sed	X	
2												
3												
4												
5												
6												
7												
8												
9												
10												

Sampled By (print): Kelly Hudson

Sampler's Signature:

How Shipped? Hand Carrier

Tracking No.

Comments: Rush

Company	1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Weston Solutions Inc		6/24/08	1405						
	1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
								6/24/08	14.05

C Drop

TriMatrixCOC -- COC

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

TriMatrix Laboratories, Inc.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Client	new / add to	Project/Submittal No.
USEPA/Western Solution		0806496
Receipt Record Page/Line No.	**Project Chemist**	**Sample Nos.**
31-12	MH	01

Coolers Received

Recorded by (initials/date)		Qty Received	Thermometer Used	
NR 6-24-08	☐ Cooler		☒ IR Gun (#94)	☐ See Additional Cooler Information Form
	☐ Box		☐ Digital Thermometer (#54)	
	☒ Other / Sample	1	☐ Other (#)	

	Cooler 1	Cooler 2	Cooler 3	Cooler 4
Cooler No.	—			
Time	14:05			
Custody Seals	☒ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact
Coolant Location	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom
Coolant / Temperature Taken Via	☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☒ none / avg 2-3 containers	☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers	☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers	☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers
Alternate Temperature Taken Via	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container
Recorded °C / Correction Factor °C / Actual °C	tb: tb location: representative / in ice 1: 6.0 / — / 6.0 2: 3:	tb: tb location: representative / in ice 1: 2: 3:	tb: tb location: representative / in ice 1: 2: 3:	tb: tb location: representative / in ice 1: 2: 3:
Average °C	6.0			
	☐ Cooler ID on COC? ☐ VOC trip blank received?	☐ Cooler ID on COC? ☐ VOC trip blank received?	☐ Cooler ID on COC? ☐ VOC trip blank received?	☐ Cooler ID on COC? ☐ VOC trip blank received?

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received

☐ No COC received

N/A	Yes	No	
	☒	☐	Chain of Custody Record(s)?
	☐		If No, COC initiated by ________
	☒		Rec'd for Lab signed/date/time?
☒	☐		Shipping Document?
☒	☐		Other ________

COC ID Nos.

☒ TriMatrix 124171

☐ Other (name or ID#) ________

Check COC for Accuracy

☐ No analysis requested

Yes	No	
☒	☐	Sample ID matches COC?
☒	☐	Sample date and time matches COC?
☒		Container type completed on COC?
☒	☐	All container types indicated are received?

Sample Condition Summary

☐ Non-TriMatrix containers, see Notes

N/A	Yes	No	
	☐	☒	Broken containers/lids?
	☐	☒	Missing or incomplete labels?
	☐	☒	Illegible information on labels?
	☐	☒	Low volume received?
	☐	☒	Inappropriate containers received?
☒	☐	☐	VOC vials have headspace?
☒	☐	☐	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	☒	☐	Average sample temperature ≤6° C?
☒	☐		Completed Sample Preservation Verification Form?
☒	☐	☐	Samples preserved correctly?
☒	☐		If "No", added orange tag?
☒	☐		Received pre-preserved VOC soils?

☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged Containers
☐ Yellow/White-tagged 1L Ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☐ RECEIVED, COCs TO LAB(S)

Notes

☐ Trip blank received ☐ Trip blank not listed on COC
☐ No COC received, Proj. Chemist reviewed (init./date) ________
☐ No analysis requested, Proj. Chemist completed (init./date) ________

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
6/24/08 14:05	6/24/08 14:08	Yes / No

July 01, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0806593	06/30/2008	WAP063008

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0806593**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP063008
Client Sample ID:	**APS-063008-31-SD/TS20101**	Sampled:	06/30/08 13:35
Lab Sample ID:	**0806593-01**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	06/30/08 14:47
Unit:	mg/kg dry	Prepared:	06/30/08 By: ASC
Dilution Factor:	1	Date Analyzed:	07/01/08 By: JLW
QC Batch:	0807729	Analytical Batch:	8070119

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.62 U	0.62	0.0079
11104-28-2	PCB-1221	0.62 U	0.62	0.014
11141-16-5	PCB-1232	0.62 U	0.62	0.016
53469-21-9	PCB-1242	0.62 U	0.62	0.031
12672-29-6	PCB-1248	0.62 U	0.62	0.010
11097-69-1	PCB-1254	0.62 U	0.62	0.0083
11096-82-5	PCB-1260	0.62 U	0.62	0.030

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	88	*36-136*
Tetrachloro-m-xylene	86	*46-120*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0806593**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP063008
Client Sample ID:	**APS-063008-31-SD/TS20101**	Sampled:	06/30/08 13:35
Lab Sample ID:	**0806593-01**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	06/30/08 14:47

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**53**	0.10	0.10	%	1	USEPA-3550B	06/30/08	KNC	0807767

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0806593**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP063008
Client Sample ID:	**APS-063008-31-SD-DP/TS20101**	Sampled:	06/30/08 13:35
Lab Sample ID:	**0806593-02**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	06/30/08 14:47
Unit:	mg/kg dry	Prepared:	06/30/08 By: ASC
Dilution Factor:	1	Date Analyzed:	07/01/08 By: JLW
QC Batch:	0807729	Analytical Batch:	8070119

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.62 U	0.62	0.0079
11104-28-2	PCB-1221	0.62 U	0.62	0.014
11141-16-5	PCB-1232	0.62 U	0.62	0.016
53469-21-9	PCB-1242	0.62 U	0.62	0.031
12672-29-6	PCB-1248	0.62 U	0.62	0.010
11097-69-1	PCB-1254	0.62 U	0.62	0.0083
11096-82-5	PCB-1260	0.62 U	0.62	0.030

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	90	*36-136*
Tetrachloro-m-xylene	87	*46-120*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0806593**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP063008
Client Sample ID:	**APS-063008-31-SD-DP/TS20101**	Sampled:	06/30/08 13:35
Lab Sample ID:	**0806593-02**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	06/30/08 14:47

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**53**	0.10	0.10	%	1	USEPA-3550B	06/30/08	KNC	0807767

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0807729 3550B Sonication Extraction/USEPA-8082									
Method Blank						Analyzed:		07/01/2008	By: JLW
Unit: mg/kg wet						Analytical Batch:		8070119	
PCB-1016			0.33 U					0.33	0.0042
PCB-1221			0.33 U					0.33	0.0074
PCB-1232			0.33 U					0.33	0.0084
PCB-1242			0.33 U					0.33	0.016
PCB-1248			0.33 U					0.33	0.0053
PCB-1254			0.33 U					0.33	0.0044
PCB-1260			0.33 U					0.33	0.016
Surrogates									
Decachlorobiphenyl				107	*36-136*				
Tetrachloro-m-xylene				98	*46-120*				
Laboratory Control Sample						Analyzed:		07/01/2008	By: JLW
Unit: mg/kg wet						Analytical Batch:		8070119	
PCB-1254		0.167	**0.178**	107	73-125			0.33	0.0044
Surrogates									
Decachlorobiphenyl				106	*36-136*				
Tetrachloro-m-xylene				96	*46-120*				

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte:	**Percent Solids**/USEPA-3550B									
QC Batch: 0807767 (General Inorganic Prep)								Analyzed: 06/30/2008 By: KNC		
Method Blank			0.1 U	%					0.1	0.1
0806593-01 APS-063008-31-SD/TS20101										
Duplicate	53		**54**	%			1	20	0.1	0.1

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualifications required.

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TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 124771

Page 1 of 1

WAP0630D08

For Lab Use Only	
Cart	
VOA Rack/Tray	—
Receipt Log No.	419
Project Chemist	MH
Laboratory Project No.	0806593

Client Name: U.S. EPA/Weston Solutions Inc.	Project Name: Allied Paper
Address: 20 N. Wacker, Suite 1210, Chicago, IL 60606	Client Project No./P.O. No.
	Invoice No. ☐ Client ☐ Other (comments)
Phone: 312-424-3339	Contact/Report To: Lisa Graczyk
Fax	

Analyses Requested: PCBs

Container Type (corresponds to Container Packing List): 17

PRESERVATIVES
- A NONE pH~7
- B HNO_3 pH<2
- C H_2SO_4 pH<2
- D 1+1 HCl pH<2
- E NaOH pH>12
- F ZnAc/NaOH pH>9
- G MeOH
- H Other (note below)

Test Group	Matrix Code	Laboratory Sample Number	#	Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	PCBs (Number of Containers Submitted)	Total	Sample Comments
		01	1	APS-063008-31-SD/TS20101	Weston	6/30/08	1335	X		Sed.	√	1	
		02	2	APS-063008-31-SD-DP/TS20101	Weston	6/30/08	1335	X		Sed.	√	1	
			3										
			4										
			5										
			6										
			7										
			8										
			9										
			10										

Sampled By (print): Michael Browning
Sampler's Signature: [signature]
Company: Weston Solutions, Inc.

How Shipped? (Hand) Carrier ____
Tracking No.

Comments: 24-hour

Relinquished / Received	Date	Time
1. Relinquished By: [signature]	6/30/08	1547
1. Received By		
2. Relinquished By		
2. Received By		
3. Relinquished By		
4. Received For Lab By: [signature]	6-30-08	1547 / 1447

TriMatrix Laboratories, Inc.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Client		Project-Submittal No.
Weston	new / add to	0806593
Receipt Record Page/Line No. 419	Project Chemist MH	Sample Nos. WAP0630D8 1-2

Coolers Received

Recorded by (initials/date)		Qty Received	Thermometer Used	
WC 6-30-08	☒ Cooler ☐ Box ☐ Other	1	☒ IR Gun (#94) ☐ Digital Thermometer (#54) ☐ Other (#)	☐ See Additional Cooler Information Form

	Cooler 1	Cooler 2	Cooler 3	Cooler 4
Cooler No.	—			
Time	1450			
Custody Seals	☒ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact
Coolant Location	(Dispersed) / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom
Coolant/Temperature Taken Via	☐ loose ice / avg 2-3 containers ☒ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ■ none / avg 2-3 containers	☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ■ none / avg 2-3 containers	☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ■ none / avg 2-3 containers	☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ■ none / avg 2-3 containers
Alternate Temperature Taken Via	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container

Cooler 1 temperatures:

	Recorded °C	Correction Factor °C	Actual °C
tb			
tb location: representative / in ice			
1	12.8	—	12.8
2	11.8	—	11.8
3			
Average °C			12.3

(Coolers 2–4: Recorded °C / Correction Factor °C / Actual °C; tb; tb location: representative / in ice; 1; 2; 3; Average °C — blank)

Each cooler: ☐ Cooler ID on COC? ☐ VOC trip blank received?

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received

☐ No COC received

N/A	Yes	No	
	☒	☐	Chain of Custody Record(s)?
	☐		If No, COC initiated by ______
	☒		Rec'd for Lab signed/date/time?
☒	☐		Shipping Document?
☒	☐		Other

COC ID Nos.

☒ TriMatrix 124771

☐ Other (name or ID#)

Check COC for Accuracy

☐ No analysis requested

Yes	No	
☒	■	Sample ID matches COC?
☒	■	Sample date and time matches COC?
☒		Container type completed on COC?
☒	■	All container types indicated are received?

Sample Condition Summary

☐ Non-TriMatrix containers, see Notes

N/A	Yes	No	
	■	☒	Broken containers/lids?
	■	☒	Missing or incomplete labels?
	■	☒	Illegible information on labels?
	■	☒	Low volume received?
	■	☒	Inappropriate containers received?
☒	■	☐	VOC vials have headspace?
☐	■	☒	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	☐	■☒	Average sample temperature ≤6° C?
☒	☐		Completed Sample Preservation Verification Form?
☒	☐	■	Samples preserved correctly?
☒	☐		If "No", added orange tag?
☒	☐		Received pre-preserved VOC soils? ☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

- ☐ Bacteriological
- ☐ Air Bags
- ☐ EnCores / Methanol Pre-Preserved
- ☐ Formaldehyde/Aldehyde
- ☐ Green-tagged Containers
- ☐ Yellow/White-tagged 1L Ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☒ RECEIVED, COCs TO LAB(S)

Notes

☐ Trip blank received ☐ Trip blank not listed on COC
☐ No COC received, Proj. Chemist reviewed (init./date) ______
☐ No analysis requested, Proj. Chemist completed (init./date)

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
6-30-08 1447	6-30-08 1455	(Yes) / No

revision: 2.5

July 11, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0807143	07/09/2008	WAP070908, Sediment

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0807143**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP070908, Sediment
Client Sample ID:	**APS-070908-32-SD/TS20110**	Sampled:	07/09/08 09:20
Lab Sample ID:	**0807143-01**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	07/09/08 14:33
Unit:	mg/kg dry	Prepared:	07/09/08 By: ASC
Dilution Factor:	1	Date Analyzed:	07/10/08 By: JMK
QC Batch:	0807835	Analytical Batch:	8071071

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.58 U	0.58	0.0074
11104-28-2	PCB-1221	0.58 U	0.58	0.013
11141-16-5	PCB-1232	0.58 U	0.58	0.015
53469-21-9	PCB-1242	0.58 U	0.58	0.029
12672-29-6	PCB-1248	**0.51 J**	0.58	0.0094
11097-69-1	PCB-1254	**0.76**	0.58	0.0078
11096-82-5	PCB-1260	**0.23 J**	0.58	0.028

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	85	*36-136*
Tetrachloro-m-xylene	101	*46-120*

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0807143**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP070908, Sediment
Client Sample ID:	**APS-070908-32-SD/TS20110**	Sampled:	07/09/08 09:20
Lab Sample ID:	**0807143-01**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	07/09/08 14:33

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**56**	0.10	0.10	%	1	USEPA-3550B	07/09/08	KNC	0808108

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0807143**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP070908, Sediment
Client Sample ID:	**APS-070908-33-SD/TS20115**	Sampled:	07/09/08 11:23
Lab Sample ID:	**0807143-02**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	07/09/08 14:33
Unit:	mg/kg dry	Prepared:	07/09/08 By: ASC
Dilution Factor:	1	Date Analyzed:	07/10/08 By: JMK
QC Batch:	0807835	Analytical Batch:	8071071

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.47 U	0.47	0.0060
11104-28-2	PCB-1221	0.47 U	0.47	0.011
11141-16-5	PCB-1232	0.47 U	0.47	0.012
53469-21-9	PCB-1242	0.47 U	0.47	0.023
12672-29-6	PCB-1248	**0.50**	0.47	0.0075
11097-69-1	PCB-1254	**0.28 J**	0.47	0.0062
11096-82-5	PCB-1260	0.47 U	0.47	0.023

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	87	*36-136*
Tetrachloro-m-xylene	108	*46-120*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0807143**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP070908, Sediment
Client Sample ID:	**APS-070908-33-SD/TS20115**	Sampled:	07/09/08 11:23
Lab Sample ID:	**0807143-02**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	07/09/08 14:33

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**70**	0.10	0.10	%	1	USEPA-3550B	07/09/08	KNC	0808108

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0807835 3550B Sonication Extraction/USEPA-8082									
Method Blank						Analyzed:		07/10/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8071071	
PCB-1016			0.33 U					0.33	0.0042
PCB-1221			0.33 U					0.33	0.0074
PCB-1232			0.33 U					0.33	0.0084
PCB-1242			0.33 U					0.33	0.016
PCB-1248			0.33 U					0.33	0.0053
PCB-1254			0.33 U					0.33	0.0044
PCB-1260			0.33 U					0.33	0.016
Surrogates									
Decachlorobiphenyl				88	*36-136*				
Tetrachloro-m-xylene				104	*46-120*				
Laboratory Control Sample						Analyzed:		07/10/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8071071	
PCB-1232		0.167	**0.211**	127	85-127			0.33	0.0084
Surrogates									
Decachlorobiphenyl				91	*36-136*				
Tetrachloro-m-xylene				108	*46-120*				

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte:	**Percent Solids**/USEPA-3550B									
QC Batch: 0808108 (General Inorganic Prep)								Analyzed: 07/09/2008 By: KNC		
Method Blank			0.1 U	%					0.1	0.1
0807143-01 APS-070908-32-SD/TS20110										
Duplicate	56		**55**	%			2	20	0.1	0.1

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualifications required.

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TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
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Chain of Custody Record

COC No. 124781

Page 1 of 1

For Lab Use Only

Cart

VOA Rack/Tray

Receipt Log No.

Project Chemist MH

Laboratory Project No. 0807143

Client Name: U.S. EPA / Weston Solution, Inc.

Address: 20 N. Wacker, Suite 1916, Chicago, IL 60606

Phone: 312-424-3339

Fax

Project Name: Allied Paper

Client Project No./P.O. No.

Invoice No. ☐ Client ☐ Other (comments)

Contact/Report To: Lisa Gracezyk

Analyses Requested: PCBs

Container Type (corresponds to Container Packing List)

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Test Group	Matrix Code	Laboratory Sample Number		Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Number of Containers Submitted: 17	Total	Sample Comments
		01	1	APS-070908-32-SD/TS20110	Weston	7/9/08	0920	✓		Sed.	✓	1	
		02	2	APS-070908-33-SD/TS20115	Weston	7/9/08	1123	✓		Sed.	✓	1	
			3										
			4										
			5										
			6										
			7										
			8										
			9										
			10										

Sampled By (print): Michael Browning

Sampler's Signature: Michael J Browning

Company: Weston Solutions, Inc.

How Shipped? (Hand) Carrier_____

Tracking No.

Comments: 24-hour

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Michael J Browning	7/9/08	1433						
1. Received By	**Date**	**Time**	**2. Received By**	**Date**	**Time**	**3. Received For Lab By**	**Date**	**Time**
						[signature]	7/9/08	1433

TriMatrixCOC -- COC

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

TriMatrix Laboratories, Inc.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Client: Weston
Project-Submittal No.: 0807143 (new / add to)
Receipt Record Page/Line No.: 3-15
Project Chemist: GMH
Sample Nos.: 1-2

Coolers Received

Recorded by (initials/date): LR 7/9/08

☑ Cooler ☐ Box ☐ Other — Qty Received: 1

Thermometer Used: ☑ IR Gun (#94) ☐ Digital Thermometer (#54) ☐ Other (#) ☐ See Additional Cooler Information Form

	Cooler 1	Cooler 2	Cooler 3	Cooler 4
Cooler No. / Time	—			
Custody Seals	☐ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact
Coolant Location	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom
Coolant/Temperature Taken Via	☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers	☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers	☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers	☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers
Alternate Temperature Taken Via	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container

Cooler 1 temperatures:

	Recorded °C	Correction Factor °C	Actual °C
tb			
tb location: representative / in ice			
1	10.2	—	10.2
2	10.3	—	10.3
3	—	—	—
Average °C			10.3

Coolers 2–4: Recorded °C / Correction Factor °C / Actual °C — tb; tb location: representative / in ice; 1; 2; 3; Average °C (blank)

☐ Cooler ID on COC? ☐ VOC trip blank received? (each cooler)

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received

☐ No COC received

N/A	Yes	No	
	☑	☐	Chain of Custody Record(s)?
	☐		If No, COC initiated by ______
	☑		Rec'd for Lab signed/date/time?
☑	☐		Shipping Document?
☑	☐		Other ______

COC ID Nos.

☑ TriMatrix 124781

☐ Other (name or ID#)

Check COC for Accuracy

☐ No analysis requested

Yes	No	
☑	☐	Sample ID matches COC?
☑	☐	Sample date and time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Sample Condition Summary

☐ Non-TriMatrix containers, see Notes

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate containers received?
☑	☐	☐	VOC vials have headspace?
☑	☐	☐	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	☐	☐	Average sample temperature ≤6° C?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐	☐	Samples preserved correctly?
☑	☐		If "No", added orange tag?
☑	☐		Received pre-preserved VOC soils? ☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged Containers
☐ Yellow/White-tagged 1L Ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☑ RECEIVED, COCs TO LAB(S)

Notes

☐ Trip blank received ☐ Trip blank not listed on COC
☐ No COC received, Proj. Chemist reviewed (init./date) ______
☐ No analysis requested, Proj. Chemist completed (init./date) ______

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
7/9/08 1433	7/9/08 1443	(Yes) / No

July 15, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0807180	07/10/2008	WAP071008, Water Sample

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0807180**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP071008, Water Sample
Client Sample ID:	**APS-071008-03-WT/TS30050**	Sampled:	07/10/08 11:30
Lab Sample ID:	**0807180-01**	Sampled By:	Michael Browning
Matrix:	Water	Received:	07/10/08 14:15
Unit:	ug/L	Prepared:	07/11/08 By: BJH
Dilution Factor:	1	Date Analyzed:	07/11/08 By: JMK
QC Batch:	0808174	Analytical Batch:	8071410

Polychlorinated Biphenyls (PCBs) by EPA Method 608

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.20 U	0.20	0.050
11104-28-2	PCB-1221	0.20 U	0.20	0.068
11141-16-5	PCB-1232	0.20 U	0.20	0.031
53469-21-9	PCB-1242	0.20 U	0.20	0.035
12672-29-6	PCB-1248	0.20 U	0.20	0.040
11097-69-1	PCB-1254	0.20 U	0.20	0.034
11096-82-5	PCB-1260	0.20 U	0.20	0.034

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	94	*30-115*
Tetrachloro-m-xylene	61	*43-115*

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 608

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0808174 608 Liquid/Liquid Extraction/USEPA-608									
Method Blank						Analyzed:		07/11/2008	By: JMK
Unit: ug/L						Analytical Batch:		8071410	
PCB-1016			0.20 U					0.20	0.050
PCB-1221			0.20 U					0.20	0.068
PCB-1232			0.20 U					0.20	0.031
PCB-1242			0.20 U					0.20	0.035
PCB-1248			0.20 U					0.20	0.040
PCB-1254			0.20 U					0.20	0.034
PCB-1260			0.20 U					0.20	0.034
Surrogates									
Decachlorobiphenyl				109	*30-115*				
Tetrachloro-m-xylene				86	*43-115*				
Laboratory Control Sample						Analyzed:		07/11/2008	By: JMK
Unit: ug/L						Analytical Batch:		8071410	
PCB-1232		1.00	**1.21**	121	72-123			0.20	0.031
Surrogates									
Decachlorobiphenyl				108	*30-115*				
Tetrachloro-m-xylene				74	*43-115*				

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualifications required.

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TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 124772

WAP 071008

Page 1 of 1

For Lab Use Only

Cart: 1

VOA Rack/Tray:

Receipt Log No.: 6-24

Project Chemist: MH

Laboratory Project No.: 0807180

Client Name: U.S. EPA/Weston Solutions

Address: 20 N. Wacker, Suite 1210 Chicago, IL 60606

Phone: MTB 312-424-3339

Fax:

Project Name: Allied Paper

Client Project No./P.O. No.:

Invoice No.: ☐ Client ☐ Other (comments)

Contact/Report To: Lisa Gracezyk

Analyses Requested

PCBs

Container Type (corresponds to Container Packing List)

Number of Containers Submitted: 2

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Test Group	Matrix Code	Laboratory Sample Number		Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Total	Sample Comments
B	W	01	1	APS-071008-03-WT/TS30050	Weston	7/10/08	1130		X	√		
			2									
			3									
			4									
			5									
			6									
			7									
			8									
			9									
			10									

Sampled By (print): Michael T. Browning

Sampler's Signature: Michael T Browning

Company: Weston Solutions, Inc.

How Shipped? (Hand) Carrier:

Tracking No.:

Comments: STD Turnaround

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Michael T Browning	7/10/08	1415						
1. Received By	**Date**	**Time**	**2. Received By**	**Date**	**Time**	**3. Received For Lab By**	**Date**	**Time**
						Lisa Gracezyk	7/10/08	1415

TriMatrixCOC -- COC

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

TriMatrix Laboratories, Inc.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Client: EPA Weston Solutions	new / add to	Project-Submittal No. 0807180	
Receipt Record Page/Line No. 6-24	Project Chemist: MLT	Sample Nos. 01 WAPØ71008	

Coolers Received

Recorded by (initials/date): LR 7/10/08	☐ Cooler ☐ Box ☐ Other	Qty Received	Thermometer Used ☐ IR Gun (#94) ☐ Digital Thermometer (#54) ☐ Other (#)	☐ See Additional Cooler Information Form

Cooler No. TM0158 Time 1415	Cooler No. Time	Cooler No. Time	Cooler No. Time
Custody Seals	Custody Seals	Custody Seals	Custody Seals
☒ none	☐ none	☐ none	☐ none
☐ present / intact	☐ present / intact	☐ present / intact	☐ present / intact
☐ present / not intact	☐ present / not intact	☐ present / not intact	☐ present / not intact
Coolant Location: (Dispersed) / Top / Middle / Bottom	Coolant Location: Dispersed / Top / Middle / Bottom	Coolant Location: Dispersed / Top / Middle / Bottom	Coolant Location: Dispersed / Top / Middle / Bottom
Coolant/Temperature Taken Via:	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:	Coolant / Temperature Taken Via:
☐ loose ice / avg 2-3 containers	☐ loose ice / avg 2-3 containers	☐ loose ice / avg 2-3 containers	☐ loose ice / avg 2-3 containers
☑ bagged ice / avg 2-3 containers	☐ bagged ice / avg 2-3 containers	☐ bagged ice / avg 2-3 containers	☐ bagged ice / avg 2-3 containers
☐ blue ice / avg 2-3 containers	☐ blue ice / avg 2-3 containers	☐ blue ice / avg 2-3 containers	☐ blue ice / avg 2-3 containers
☐ none / avg 2-3 containers	☐ none / avg 2-3 containers	☐ none / avg 2-3 containers	☐ none / avg 2-3 containers
Alternate Temperature Taken Via:	Alternate Temperature Taken Via:	Alternate Temperature Taken Via:	Alternate Temperature Taken Via:
☐ temperature blank (tb)	☐ temperature blank (tb)	☐ temperature blank (tb)	☐ temperature blank (tb)
☐ 1 container	☐ 1 container	☐ 1 container	☐ 1 container

Recorded °C	Correction Factor °C	Actual °C	Recorded °C	Correction Factor °C	Actual °C	Recorded °C	Correction Factor °C	Actual °C	Recorded °C	Correction Factor °C	Actual °C
tb			tb			tb			tb		
tb location: representative / in ice			tb location: representative / in ice			tb location: representative / in ice			tb location: representative / in ice		
1 14.2	—	14.2	1			1			1		
2 13.6	—	13.6	2			2			2		
3 —	—	—	3			3			3		
	Average °C	13.9		Average °C			Average °C			Average °C	
☐ Cooler ID on COC?			☐ Cooler ID on COC?			☐ Cooler ID on COC?			☐ Cooler ID on COC?		
☐ VOC trip blank received?			☐ VOC trip blank received?			☐ VOC trip blank received?			☐ VOC trip blank received?		

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received

☐ No COC received

N/A	Yes	No	
	☒	☐	**Chain of Custody Record(s)?**
	☐		If No, COC initiated by ______
	☒		Rec'd for Lab signed/date/time?
☒	☐		Shipping Document?
☒	☐		Other ______

COC ID Nos.

☒ TriMatrix 124772

☐ Other (name or ID#) ______

Check COC for Accuracy

☐ **No analysis requested**

Yes	No	
☒	☐	Sample ID matches COC?
☒	☐	Sample date and time matches COC?
☒		Container type completed on COC?
☒	☐	All container types indicated are received?

Sample Condition Summary

☐ **Non-TriMatrix containers, see Notes**

N/A	Yes	No	
	☐	☒	Broken containers/lids?
	☐	☒	Missing or incomplete labels?
	☐	☒	Illegible information on labels?
	☐	☒	Low volume received?
	☐	☒	Inappropriate containers received?
☒	☐	☐	VOC vials have headspace?
☒	☐	☐	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	☐	☒	Average sample temperature ≤6° C?
☒	☐		Completed Sample Preservation Verification Form?
☒	☐	☐	Samples preserved correctly?
☒	☐		If "No", added orange tag?
☒	☐		Received pre-preserved VOC soils? ☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

- ☐ Bacteriological
- ☐ Air Bags
- ☐ EnCores / Methanol Pre-Preserved
- ☐ Formaldehyde/Aldehyde
- ☐ Green-tagged Containers
- ☐ Yellow/White-tagged 1L Ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☒ NONE RECEIVED
☐ RECEIVED, COCs TO LAB(S)

Notes

☐ Trip blank received ☐ Trip blank not listed on COC

☐ No COC received, Proj. Chemist reviewed (init./date) ______

☐ No analysis requested, Proj. Chemist completed (init./date) ______

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
7/10/08 1415	7/10/08 1419	Yes / No

CDrop

August 07, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0808089	08/06/2008	Laboratory Services

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0808089**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	Laboratory Services
Client Sample ID:	**APS-080608-34-SD/TS20142**	Sampled:	08/06/08 14:40
Lab Sample ID:	**0808089-01**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	08/06/08 16:24
Unit:	mg/kg dry	Prepared:	08/07/08 By: ASC
Dilution Factor:	10	Date Analyzed:	08/07/08 By: JMK
QC Batch:	0809110	Analytical Batch:	8080738

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.50 U	0.50	0.11
11104-28-2	PCB-1221	0.50 U	0.50	0.16
11141-16-5	PCB-1232	0.50 U	0.50	0.17
53469-21-9	PCB-1242	0.50 U	0.50	0.081
12672-29-6	PCB-1248	**4.3**	0.50	0.22
11097-69-1	PCB-1254	**1.6**	0.50	0.12
11096-82-5	PCB-1260	0.50 U	0.50	0.085

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	63	*36-136*
Tetrachloro-m-xylene	104	*46-120*

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0808089**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	Laboratory Services
Client Sample ID:	**APS-080608-34-SD/TS20142**	Sampled:	08/06/08 14:40
Lab Sample ID:	**0808089-01**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	08/06/08 16:24

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**65**	0.10	0.10	%	1	USEPA-3550B	08/07/08	KNC	0809294

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0809110 3550B Sonication Extraction/USEPA-8082									
Method Blank						Analyzed:		08/07/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8080738	
PCB-1016			0.033 U					0.033	0.0070
PCB-1221			0.033 U					0.033	0.011
PCB-1232			0.033 U					0.033	0.011
PCB-1242			0.033 U					0.033	0.0053
PCB-1248			0.033 U					0.033	0.014
PCB-1254			0.033 U					0.033	0.0078
PCB-1260			0.033 U					0.033	0.0056
Surrogates									
Decachlorobiphenyl				66	*36-136*				
Tetrachloro-m-xylene				103	*46-120*				
Laboratory Control Sample						Analyzed:		08/07/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8080738	
PCB-1242		0.167	**0.170**	102	73-118			0.033	0.0053
Surrogates									
Decachlorobiphenyl				64	*36-136*				
Tetrachloro-m-xylene				100	*46-120*				

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte:	**Percent Solids**/USEPA-3550B									
QC Batch: 0809294 (General Inorganic Prep)								Analyzed: 08/07/2008 By: KNC		
Method Blank			0.1 U	%					0.1	0.1
0808089-01 APS-080608-34-SD/TS20142										
Duplicate	65		**66**	%			1	20	0.1	0.1

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualifications required.

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TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 124779

For Lab Use Only

Cart: 1
VOA Rack/Tray:
Receipt Log No.: 1-21
Project Chemist:
Laboratory Project No.: 0808089

Client Name: U.S.EPA / Weston Solutions, Inc.
Address: 20 N. Wacker, Suite 1210 Chicago, IL 60606
Phone: 312-424-3339
Fax:

Project Name: Allied Paper
Client Project No./P.O. No.:
Invoice No.: ☐ Client ☐ Other (comments)
Contact/Report To: Lisa GraczyK

Page ____ of ____

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Analyses Requested

Test Group	Matrix Code	Laboratory Sample Number	Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	PCBs	Total	Sample Comments
			Container Type (corresponds to Container Packing List)							17		
			Number of Containers Submitted									
			1 APS-080608-34-SD/TS20142	Weston	8/6/08	1440	X		Sed.	√		
			2									
			3									
			4									
			5									
			6									
			7									
			8									
			9									
			10									

Sampled By (print): Michael Browning
Sampler's Signature: Michael JBrowning
Company: Weston

How Shipped? (Hand) Carrier:
Tracking No.:

Comments: 24 TAT

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Michael JBrowning	8/6/08	1624						
1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
						Lisa Lomuyo	8/6/08	1624

CDROP

TriMatrixCOC -- COC

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

TriMatrix Laboratories, Inc.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Client	Project-Submittal No.	
Weston Solutions, Inc	new / add to	0808089
Receipt Record Page/Line No. 1-21	Project Chemist CMH	Sample Nos. 01

Coolers Received

Recorded by (initials/date)		Qty Received	Thermometer Used		
LR 8/6/08	☑ Cooler ☐ Box ☐ Other	1		☑ IR Gun (#94) ☐ Digital Thermometer (#54) ☐ Other (#)	☐ See Additional Cooler Information Form

	Cooler 1	Cooler 2	Cooler 3	Cooler 4
Cooler No.	—			
Time	1624			
Custody Seals	☑ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact
Coolant Location:	(Dispersed) / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom
Coolant / Temperature Taken Via:	☐ loose ice / avg 2-3 containers ☑ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers	☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers	☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers	☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers
Alternate Temperature Taken Via:	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container

Cooler		Recorded °C	Correction Factor °C	Actual °C
1	tb			
1	tb location: representative / in ice			
1	1	9.7	—	9.7
1	2			
1	3			
1	Average °C			9.7
2	tb			
2	tb location: representative / in ice			
2	1			
2	2			
2	3			
2	Average °C			
3	tb			
3	tb location: representative / in ice			
3	1			
3	2			
3	3			
3	Average °C			
4	tb			
4	tb location: representative / in ice			
4	1			
4	2			
4	3			
4	Average °C			

Each cooler: ☐ Cooler ID on COC? ☐ VOC trip blank received?

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received

☐ No COC received

N/A	Yes	No	
	☑	☐	Chain of Custody Record(s)?
	☐		If No, COC initiated by ______
	☑		Rec'd for Lab signed/date/time?
☑	☐		Shipping Document?
☑	☐		Other ______

COC ID Nos.

☐ TriMatrix 124779

☐ Other (name or ID#) ______

Check COC for Accuracy

☐ No analysis requested

Yes	No	
☑	☐	Sample ID matches COC?
☑	☐	Sample date and time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Sample Condition Summary

☐ Non-TriMatrix containers, see Notes

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate containers received?
☑	☐	☐	VOC vials have headspace?
☑	☐	☐	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	☐	☑	Average sample temperature ≤6° C?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐	☐	Samples preserved correctly?
☑	☐		If "No", added orange tag?
☑	☐		Received pre-preserved VOC soils? ☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged Containers
☐ Yellow/White-tagged 1L Ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☑ RECEIVED, COCs TO LAB(S)

Notes

"24 hr turn" chemist is aware of Sample 3 has COC.

☐ Trip blank received ☐ Trip blank not listed on COC
☐ No COC received, Proj. Chemist reviewed (init./date) ______
☐ No analysis requested, Proj. Chemist completed (init./date) ______

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
8/6/08 1624	8/6/08 16:30	(Yes) / No

August 13, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0808214	08/12/2008	WAP081208

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0808214**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP081208
Client Sample ID:	**APS-081208-35-SD/TS20150**	Sampled:	08/12/08 14:33
Lab Sample ID:	**0808214-01**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	08/12/08 16:20
Unit:	mg/kg dry	Prepared:	08/13/08 By: BJH
Dilution Factor:	2	Date Analyzed:	08/13/08 By: JMK
QC Batch:	0809442	Analytical Batch:	8081339

*Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.16 U	0.16	0.033
11104-28-2	PCB-1221	0.16 U	0.16	0.051
11141-16-5	PCB-1232	0.16 U	0.16	0.051
53469-21-9	PCB-1242	**0.87**	0.16	0.025
12672-29-6	PCB-1248	0.16 U	0.16	0.066
11097-69-1	PCB-1254	**0.49**	0.16	0.037
11096-82-5	PCB-1260	0.16 U	0.16	0.026

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	67	*36-136*
Tetrachloro-m-xylene	64	*46-120*

*See Statement of Data Qualifications

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0808214**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP081208
Client Sample ID:	**APS-081208-35-SD/TS20150**	Sampled:	08/12/08 14:33
Lab Sample ID:	**0808214-01**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	08/12/08 16:20

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**42**	0.10	0.10	%	1	USEPA-3550B	08/12/08	KNC	0809435

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0809442 3550B Sonication Extraction/USEPA-8082									
Method Blank						Analyzed:		08/13/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8081339	
PCB-1016			0.033 U					0.033	0.0070
PCB-1221			0.033 U					0.033	0.011
PCB-1232			0.033 U					0.033	0.011
PCB-1242			0.033 U					0.033	0.0053
PCB-1248			0.033 U					0.033	0.014
PCB-1254			0.033 U					0.033	0.0078
PCB-1260			0.033 U					0.033	0.0056
Surrogates									
Decachlorobiphenyl				98	*36-136*				
Tetrachloro-m-xylene				92	*46-120*				
Laboratory Control Sample						Analyzed:		08/13/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8081339	
PCB-1242		0.167	**0.156**	93	73-118			0.033	0.0053
Surrogates									
Decachlorobiphenyl				106	*36-136*				
Tetrachloro-m-xylene				94	*46-120*				

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte:	**Percent Solids**/USEPA-3550B									
QC Batch: 0809435 (General Inorganic Prep)								Analyzed: 08/12/2008 By: KNC		
Method Blank			0.1 U	%					0.1	0.1
0808214-01 APS-081208-35-SD/TS20150										
Duplicate	42		**42**	%			0.2	20	0.1	0.1

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STATEMENT OF DATA QUALIFICATIONS

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Qualification: The RL is elevated due to the percent solids content of the sample.

Analysis: USEPA-8082

Sample/Analyte: 0808214-01 APS-081208-35-SD/TS20150

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TriMatrix Laboratories, Inc.

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www.trimatrixlabs.com

Chain of Custody Record

COC No. 124777

Page 1 of 1

For Lab Use Only
Cart
VOA Rack/Tray —
Receipt Log No. 11.12
Project Chemist
Laboratory Project No. 0808214

Client Name: U.S. EPA / Weston Solutions, Inc.
Address: 20 N. Wacker Drive, Suite 1210, Chicago, IL 60606
Phone: 312-424-3339
Fax:

Project Name: Allied Paper
Client Project No./P.O. No.
Invoice No. ☐ Client ☐ Other (comments)
Contact/Report To: Lisa Graczyk

Analyses Requested: PCBs

Container Type (corresponds to Container Packing List)

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

	Test Group	Matrix Code	Laboratory Sample Number	Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Number of Containers Submitted	Total	Sample Comments
1			01	APS-081208-35-SD/TS20150	Weston	8/12/08	1433	X			√		
2													
3													
4													
5													
6													
7													
8													
9													
10													

Sampled By (print): Michael Browning
Sampler's Signature: Michael Browning
Company: Weston Solutions, Inc.

How Shipped? Hand Carrier
Tracking No.

Comments: 24-hour TAT

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Michael Browning	8/12/08	1620						
1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
						Lisa Graczyk	081208	1620

TriMatrixCOC -- COC WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

TriMatrix Laboratories, Inc.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Client	Weston	Project-Submittal No.	0808214
Receipt Record Page/Line No.	11.12	new / add to	
Project Chemist	MH	Sample Nos.	01

Coolers Received

Recorded by (initials/date): MH 8.12.08

☐ Cooler ☐ Box ☐ Other ____ Qty Received

Thermometer Used: ☐ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (# ____)

☐ See Additional Cooler Information Form

	Cooler No. — Time 1625	Cooler No. — Time	Cooler No. — Time	Cooler No. — Time
Custody Seals	☒ none (Client took cooler.) ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact
Coolant Location	Dispersed / (Top) / Middle / (Bottom)	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom
Coolant/Temperature Taken Via	☐ loose ice / avg 2-3 containers ☒ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ■ none / avg 2-3 containers	☐ loose ice ☐ bagged ice ☐ blue ice ■ none / avg 2-3 containers	☐ loose ice ☐ bagged ice ☐ blue ice ■ none / avg 2-3 containers	☐ loose ice ☐ bagged ice ☐ blue ice ■ none / avg 2-3 containers
Alternate Temperature Taken Via	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container

Cooler	Row	Recorded °C	Correction Factor °C	Actual °C
1	tb			
1	tb location: representative / in ice			
1	1	9.1	—	9.1
1	2			
1	3			
1	Average °C			9.1

☐ Cooler ID on COC? ☐ VOC trip blank received? (each cooler)

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received

☐ No COC received

N/A	Yes	No	
	☒	☐	Chain of Custody Record(s)?
	☐		If No, COC initiated by ____
	☒		Rec'd for Lab signed/date/time?
☒	☐		Shipping Document?
☒	☐		Other ____

COC ID Nos.

☒ TriMatrix 124777

☐ Other (name or ID#)

Check COC for Accuracy

☐ No analysis requested

Yes	No	
☒	■	Sample ID matches COC?
☒	■	Sample date and time matches COC?
☒		Container type completed on COC?
☒	■	All container types indicated are received?

Sample Condition Summary

☐ Non-TriMatrix containers, see Notes

N/A	Yes	No	
	■	☒	Broken containers/lids?
	■	☒	Missing or incomplete labels?
	■	☒	Illegible information on labels?
	■	☒	Low volume received?
	■	☒	Inappropriate containers received?
☒	■	☐	VOC vials have headspace?
☐	■	☒	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	☐	■	Average sample temperature ≤6° C?
☒	☐		Completed Sample Preservation Verification Form?
☒	☐	■	Samples preserved correctly?
☒	☐		If "No", added orange tag?
☒	☐		Received pre-preserved VOC soils?

☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged Containers
☐ Yellow/White-tagged 1L Ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☒ RECEIVED, COCs TO LAB(S)

Notes

Rush TAT

☐ Trip blank received ☐ Trip blank not listed on COC
☐ No COC received, Proj. Chemist reviewed (init./date) ____
☐ No analysis requested, Proj. Chemist completed (init./date) ____

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
8-12-08 1620	8.12.08 1630	(Yes) / No

revision: 2.6

August 18, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0808306	08/15/2008	WAP081508

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0808306**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP081508
Client Sample ID:	**APS-081508-36-SD/T920154**	Sampled:	08/15/08 13:38
Lab Sample ID:	**0808306-01**	Sampled By:	M.Browning
Matrix:	Sediment	Received:	08/15/08 15:40
Unit:	mg/kg dry	Prepared:	08/15/08 By: BJH
Dilution Factor:	4	Date Analyzed:	08/15/08 By: JMK
QC Batch:	0809442	Analytical Batch:	8081820

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	3.3U	3.3	0.070
11104-28-2	PCB-1221	3.3U	3.3	0.11
11141-16-5	PCB-1232	3.3U	3.3	0.11
53469-21-9	PCB-1242	**2.3J**	3.3	0.053
12672-29-6	PCB-1248	3.3U	3.3	0.14
11097-69-1	PCB-1254	**1.0J**	3.3	0.078
11096-82-5	PCB-1260	3.3U	3.3	0.056

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	104	*36-136*
Tetrachloro-m-xylene	102	*46-120*

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0808306**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP081508
Client Sample ID:	**APS-081508-36-SD/T920154**	Sampled:	08/15/08 13:38
Lab Sample ID:	**0808306-01**	Sampled By:	M.Browning
Matrix:	Sediment	Received:	08/15/08 15:40

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**40**	0.10	0.10	%	1	USEPA-3550B	08/15/08	KNC	0809633

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0809442 3550B Sonication Extraction/USEPA-8082									
Method Blank						Analyzed:		08/15/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8081820	
PCB-1016			0.33 U					0.33	0.0070
PCB-1221			0.33 U					0.33	0.011
PCB-1232			0.33 U					0.33	0.011
PCB-1242			0.33 U					0.33	0.0053
PCB-1248			0.33 U					0.33	0.014
PCB-1254			0.33 U					0.33	0.0078
PCB-1260			0.33 U					0.33	0.0056
Surrogates									
Decachlorobiphenyl				95	*36-136*				
Tetrachloro-m-xylene				96	*46-120*				
Laboratory Control Sample						Analyzed:		08/15/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8081820	
PCB-1242		0.167	**0.161**	97	73-118			0.33	0.0053
Surrogates									
Decachlorobiphenyl				103	*36-136*				
Tetrachloro-m-xylene				100	*46-120*				

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte:	**Percent Solids**/USEPA-3550B									
QC Batch: 0809633 (Method-Specific Preparation)								Analyzed: 08/15/2008 By: KNC		
Method Blank			0.1 U	%					0.1	0.1
0808306-01 APS-081508-36-SD/T920154										
Duplicate	40		**40**	%			1	20	0.1	0.1

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualifications required.

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TriMatrix Laboratories, Inc.

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Chain of Custody Record

COC No. 124776

WAP 081508

Page 1 of 1

For Lab Use Only
Cart:
VOA Rack/Tray:
Receipt Log No. 17-15
Project Chemist LKH
Laboratory Project No. 0808306

Client Name: U.S. EPA/Weston Solution, Inc.
Address: 20 N. Wacker Drive, Suite 1210 Chicago, IL 60606
Phone: 312-424-3339
Fax:

Project Name: Allied Paper
Client Project No./P.O. No.:
Invoice No. ☐ Client ☐ Other (comments)
Contact/Report To: Lisa Graczyk

Analyses Requested

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Test Group	Matrix Code	Laboratory Sample Number		Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	PCBs	Total	Sample Comments
		-01	1	APS-081508-36-SD/T920154	Weston	8/15/08	1338	X		Sed.	✓		
			2										
			3										
			4										
			5										
			6										
			7										
			8										
			9										
			10										

Container Type (corresponds to Container Packing List)
Number of Containers Submitted

Sampled By (print): Michael Browning
Sampler's Signature: Michael J Browning
Company: Weston

How Shipped? (Hand) Carrier:
Tracking No.:

Comments: 24-hour TAT

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Michael J Browning	8/15/08	1540						
1. Received By	**Date**	**Time**	**2. Received By**	**Date**	**Time**	**3. Received For Lab By**	**Date**	**Time**
						[illegible]	8/15/08	1540

TriMatrixCOC -- COC

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

August 25, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0808431	08/22/2008	Laboratory Services

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0808431**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	Laboratory Services
Client Sample ID:	**APS-082108-37-SD/TS20174**	Sampled:	08/21/08 13:43
Lab Sample ID:	**0808431-01**	Sampled By:	Kelly Hudson
Matrix:	Sediment	Received:	08/22/08 08:42
Unit:	mg/kg dry	Prepared:	08/22/08 By: ASC
Dilution Factor:	1	Date Analyzed:	08/22/08 By: JMK
QC Batch:	0809718	Analytical Batch:	8082305

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.53U	0.53	0.011
11104-28-2	PCB-1221	0.53U	0.53	0.017
11141-16-5	PCB-1232	0.53U	0.53	0.018
53469-21-9	PCB-1242	0.53U	0.53	0.0085
12672-29-6	PCB-1248	0.53U	0.53	0.023
11097-69-1	PCB-1254	**0.13J**	0.53	0.013
11096-82-5	PCB-1260	**0.054J**	0.53	0.0090

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	73	*36-136*
Tetrachloro-m-xylene	89	*46-120*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0808431**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	Laboratory Services
Client Sample ID:	**APS-082108-37-SD/TS20174**	Sampled:	08/21/08 13:43
Lab Sample ID:	**0808431-01**	Sampled By:	Kelly Hudson
Matrix:	Sediment	Received:	08/22/08 08:42

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**62**	0.10	0.10	%	1	USEPA-3550B	08/23/08	HLB	0809804

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0808431**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	Laboratory Services
Client Sample ID:	**APS-082108-38-SD/TS20176**	Sampled:	08/21/08 14:05
Lab Sample ID:	**0808431-02**	Sampled By:	Kelly Hudson
Matrix:	Sediment	Received:	08/22/08 08:42
Unit:	mg/kg dry	Prepared:	08/22/08 By: ASC
Dilution Factor:	1	Date Analyzed:	08/22/08 By: JMK
QC Batch:	0809718	Analytical Batch:	8082305

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.61 U	0.61	0.013
11104-28-2	PCB-1221	0.61 U	0.61	0.020
11141-16-5	PCB-1232	0.61 U	0.61	0.020
53469-21-9	PCB-1242	0.61 U	0.61	0.0098
12672-29-6	PCB-1248	0.61 U	0.61	0.026
11097-69-1	PCB-1254	0.61 U	0.61	0.014
11096-82-5	PCB-1260	0.61 U	0.61	0.010

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	70	*36-136*
Tetrachloro-m-xylene	85	*46-120*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0808431**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	Laboratory Services
Client Sample ID:	**APS-082108-38-SD/TS20176**	Sampled:	08/21/08 14:05
Lab Sample ID:	**0808431-02**	Sampled By:	Kelly Hudson
Matrix:	Sediment	Received:	08/22/08 08:42

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**54**	0.10	0.10	%	1	USEPA-3550B	08/23/08	HLB	0809804

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0809718 3550B Sonication Extraction/USEPA-8082									
Method Blank						Analyzed:		08/22/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8082305	
PCB-1016			0.33 U					0.33	0.0070
PCB-1221			0.33 U					0.33	0.011
PCB-1232			0.33 U					0.33	0.011
PCB-1242			0.33 U					0.33	0.0053
PCB-1248			0.33 U					0.33	0.014
PCB-1254			0.33 U					0.33	0.0078
PCB-1260			0.33 U					0.33	0.0056
Surrogates									
Decachlorobiphenyl				76	*36-136*				
Tetrachloro-m-xylene				89	*46-120*				
Laboratory Control Sample						Analyzed:		08/22/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8082305	
PCB-1242		0.167	**0.172**	103	73-118			0.33	0.0053
Surrogates									
Decachlorobiphenyl				80	*36-136*				
Tetrachloro-m-xylene				91	*46-120*				

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte:	**Percent Solids**/USEPA-3550B									
QC Batch: 0809804 (Method-Specific Preparation)								Analyzed: 08/23/2008 By: HLB		
Method Blank			0.1 U	%					0.1	0.1
0808431-02 APS-082108-38-SD/TS20176										
Duplicate	54		**55**	%			2	20	0.1	0.1

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualifications required.

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TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
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www.trimatrixlabs.com

Chain of Custody Record

COC No. 124773

Page 1 of 1

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Cart

VOA Rack/Tray

Receipt Log No. 31-2

Project Chemist

Laboratory Project No. 0808431

Client Name	Project Name
USEPA/Weston Solutions Inc	Allied Paper
Address	Client Project No./P.O. No.
20 N Wacker Dr, Suite 1210	20405.012.002.0174.00
Chicago IL 60606	Invoice No. ☐ Client ☐ Other (comments)
Phone 312/424-3339	Contact/Report To
Fax 312/424-3330	Lisa Graczyk

Analyses Requested

A

PCBs

Container Type (corresponds to Container Packing List)

Number of Containers Submitted

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Test Group	Matrix Code	Laboratory Sample Number		Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	A	Total	Sample Comments
01		01	1	APS-082108-37-SD/TS20174		8/21/08	1343	X		SO	X		
↓		02	2	APS-082108-38-SD/TS20176		8/21/08	1405	X		SO	X		
			3										
			4										
			5										
			6										
			7										
			8										
			9										
			10										

Sampled By (print) Kelly Hudson

Sampler's Signature

How Shipped? (Hand) Carrier

Tracking No.

Comments: 24-hr TAT

Company: Weston Solutions Inc

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Kelly Hudson	8/22/08	0842						
1. Received By	**Date**	**Time**	**2. Received By**	**Date**	**Time**	**3. Received For Lab By**	**Date**	**Time**
							8/22/08	0842

C Drop

TriMatrixCOC -- COC

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

August 28, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0808555	08/27/2008	Laboratory Services

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0808555**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	Laboratory Services
Client Sample ID:	**APS-082708-39-SD/TS20195**	Sampled:	08/27/08 12:05
Lab Sample ID:	**0808555-01**	Sampled By:	Kelly Hudson
Matrix:	Sediment	Received:	08/27/08 14:52
Unit:	mg/kg dry	Prepared:	08/27/08 By: BJH
Dilution Factor:	1	Date Analyzed:	08/27/08 By: JMK
QC Batch:	0809906	Analytical Batch:	8082823

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.58 U	0.58	0.012
11104-28-2	PCB-1221	0.58 U	0.58	0.019
11141-16-5	PCB-1232	0.58 U	0.58	0.019
53469-21-9	PCB-1242	0.58 U	0.58	0.0092
12672-29-6	PCB-1248	**0.25 J**	0.58	0.025
11097-69-1	PCB-1254	**0.29 J**	0.58	0.014
11096-82-5	PCB-1260	**0.071 J**	0.58	0.0098

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	74	*36-136*
Tetrachloro-m-xylene	82	*46-120*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0808555**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	Laboratory Services
Client Sample ID:	**APS-082708-39-SD/TS20195**	Sampled:	08/27/08 12:05
Lab Sample ID:	**0808555-01**	Sampled By:	Kelly Hudson
Matrix:	Sediment	Received:	08/27/08 14:52

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**57**	0.10	0.10	%	1	USEPA-3550B	08/28/08	CLB	0809991

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0808555**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	Laboratory Services
Client Sample ID:	**APS-082708-40-SD/TS20199**	Sampled:	08/27/08 12:54
Lab Sample ID:	**0808555-02**	Sampled By:	Kelly Hudson
Matrix:	Sediment	Received:	08/27/08 14:52
Unit:	mg/kg dry	Prepared:	08/27/08 By: BJH
Dilution Factor:	1	Date Analyzed:	08/27/08 By: JMK
QC Batch:	0809906	Analytical Batch:	8082823

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.66 U	0.66	0.014
11104-28-2	PCB-1221	0.66 U	0.66	0.022
11141-16-5	PCB-1232	0.66 U	0.66	0.022
53469-21-9	PCB-1242	0.66 U	0.66	0.011
12672-29-6	PCB-1248	**0.27 J**	0.66	0.028
11097-69-1	PCB-1254	**0.32 J**	0.66	0.016
11096-82-5	PCB-1260	**0.079 J**	0.66	0.011

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	70	*36-136*
Tetrachloro-m-xylene	80	*46-120*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0808555**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	Laboratory Services
Client Sample ID:	**APS-082708-40-SD/TS20199**	Sampled:	08/27/08 12:54
Lab Sample ID:	**0808555-02**	Sampled By:	Kelly Hudson
Matrix:	Sediment	Received:	08/27/08 14:52

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**50**	0.10	0.10	%	1	USEPA-3550B	08/28/08	CLB	0809991

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0809906 3550B Sonication Extraction/USEPA-8082									
Method Blank						Analyzed:		08/27/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8082823	
PCB-1016			0.33 U					0.33	0.0070
PCB-1221			0.33 U					0.33	0.011
PCB-1232			0.33 U					0.33	0.011
PCB-1242			0.33 U					0.33	0.0053
PCB-1248			0.33 U					0.33	0.014
PCB-1254			0.33 U					0.33	0.0078
PCB-1260			0.33 U					0.33	0.0056
Surrogates									
Decachlorobiphenyl				84	*36-136*				
Tetrachloro-m-xylene				96	*46-120*				
Laboratory Control Sample						Analyzed:		08/27/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8082823	
PCB-1242		0.167	**0.165**	99	73-118			0.33	0.0053
Surrogates									
Decachlorobiphenyl				88	*36-136*				
Tetrachloro-m-xylene				96	*46-120*				

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte:	**Percent Solids**/USEPA-3550B									
QC Batch: 0809991 (Method-Specific Preparation)									Analyzed: 08/28/2008 By: CLB	
Method Blank			0.1 U	%					0.1	0.1
0808555-01 APS-082708-39-SD/TS20195										
Duplicate	57		**58**	%			0.5	20	0.1	0.1

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualifications required.

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 124774

Page 1 of 1

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Cart:
VOA Rack/Tray:
Receipt Log No. 39-16
Project Chemist:
Laboratory Project No. 0808555

Client Name: USEPA / Weston Solutions Inc
Address: 20 N Wacker Dr, Suite 1210
Chicago IL 60606
Phone 312/424-3339
Fax:

Project Name: Allied Paper
Client Project No./P.O. No. 20405.012.002.0174.00
Invoice No. ☐ Client ☐ Other (comments)
Contact/Report To: Lisa Graczyk, Kelly Hudson

Analyses Requested: PCBs

Container Type (corresponds to Container Packing List) / Number of Containers Submitted

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Test Group	Matrix Code	Laboratory Sample Number		Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	A	Total	Sample Comments
01		01	1	APS-082708-39-SD/TS20195	—	8/27/08	1205	X		Soil	X	1	
1		02	2	APS-082708-40-SD/TS20199	—	8/27/08	1254	X		Soil	X	1	
			3										
			4										
			5										
			6										
			7										
			8										
			9										
			10										

Sampled By (print): Kelly Hudson
Sampler's Signature:
Company: Weston Solutions of Michigan, Inc

How Shipped? (Hand) Carrier_____
Tracking No.:

Comments: 24 hr TAT

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
	14:52	8/27/08						
1. Received By	**Date**	**Time**	**2. Received By**	**Date**	**Time**	**3. Received For Lab By**	**Date**	**Time**
						Lyn Tomczyk	8/27/08	14:52

Drop

TriMatrixCOC -- COC

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

TriMatrix Laboratories, Inc.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Client: Usepa / Weston | Project-Submittal No.: 0808555 (new / add to)
Receipt Record Page/Line No.: 39-16 | Project Chemist | Sample Nos.

Coolers Received

Recorded by (initials/date): WR 8/27/08

☒ Cooler ☐ Box ☐ Other ____ | Qty Received: 1

Thermometer Used: ☒ IR Gun (#94) ☐ Digital Thermometer (#54) ☐ Other (# ____) | ☐ See Additional Cooler Information Form

Cooler No. ____ Time 14	Cooler No. ____ Time ____	Cooler No. ____ Time ____	Cooler No. ____ Time ____
Custody Seals: ☐ none ☐ present / intact ☐ present / not intact	Custody Seals: ☐ none ☐ present / intact ☐ present / not intact	Custody Seals: ☐ none ☐ present / intact ☐ present / not intact	Custody Seals: ☐ none ☐ present / intact ☐ present / not intact
Coolant Location: Dispersed / Top / Middle / Bottom	Coolant Location: Dispersed / Top / Middle / Bottom	Coolant Location: Dispersed / Top / Middle / Bottom	Coolant Location: Dispersed / Top / Middle / Bottom
Coolant/Temperature Taken Via: ☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☒ none / avg 2-3 containers	Coolant / Temperature Taken Via: ☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☒ none / avg 2-3 containers	Coolant / Temperature Taken Via: ☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☒ none / avg 2-3 containers	Coolant / Temperature Taken Via: ☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☒ none / avg 2-3 containers
Alternate Temperature Taken Via: ☐ temperature blank (tb) ☐ 1 container	Alternate Temperature Taken Via: ☐ temperature blank (tb) ☐ 1 container	Alternate Temperature Taken Via: ☐ temperature blank (tb) ☐ 1 container	Alternate Temperature Taken Via: ☐ temperature blank (tb) ☐ 1 container
Recorded °C / Correction Factor °C / Actual °C	Recorded °C / Correction Factor °C / Actual °C	Recorded °C / Correction Factor °C / Actual °C	Recorded °C / Correction Factor °C / Actual °C
tb	tb	tb	tb
tb location: representative / in ice	tb location: representative / in ice	tb location: representative / in ice	tb location: representative / in ice
1: 11.1 — 11.1	1	1	1
2: 12.4 — 12.4	2	2	2
3	3	3	3
Average °C: 11.7	Average °C	Average °C	Average °C
☐ Cooler ID on COC?	☐ Cooler ID on COC?	☐ Cooler ID on COC?	☐ Cooler ID on COC?
☐ VOC trip blank received?	☐ VOC trip blank received?	☐ VOC trip blank received?	☐ VOC trip blank received?

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received

☐ No COC received

N/A	Yes	No	
	☒	☐	Chain of Custody Record(s)?
	☐		If No, COC initiated by ____
	☒		Rec'd for Lab signed/date/time?
☒	☐		Shipping Document?
☒	☐		Other ____

COC ID Nos.

☒ TriMatrix 124774

☐ Other (name or ID#) ____

Check COC for Accuracy

☐ No analysis requested

Yes	No	
☒	☐	Sample ID matches COC?
☒	☐	Sample date and time matches COC?
☒		Container type completed on COC?
☒	☐	All container types indicated are received?

Sample Condition Summary

☐ Non-TriMatrix containers, see Notes

N/A	Yes	No	
	☐	☒	Broken containers/lids?
	☐	☒	Missing or incomplete labels?
	☐	☒	Illegible information on labels?
	☐	☒	Low volume received?
	☐	☒	Inappropriate containers received?
☒	☐	☐	VOC vials have headspace?
☒	☐	☐	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	☐	☒	Average sample temperature ≤6° C?
☒	☐		Completed Sample Preservation Verification Form?
☒	☐	☐	Samples preserved correctly?
☒	☐		If "No", added orange tag?
☒	☐		Received pre-preserved VOC soils?

☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged Containers
☐ Yellow/White-tagged 1L Ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☒ RECEIVED, COCs TO LAB(S)

Notes

☐ Trip blank received ☐ Trip blank not listed on COC
☐ No COC received, Proj. Chemist reviewed (init./date) ____
☐ No analysis requested, Proj. Chemist completed (init./date) ____

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
8/27/08 1452	8/27/08 1458	(Yes) / No

September 10, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0809144	09/09/2008	WAP090908

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0809144**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP090908
Client Sample ID:	**APS-090908-04-WT/W-SA4N-EffluA-0015**	Sampled:	09/09/08 10:25
Lab Sample ID:	**0809144-01**	Sampled By:	Michael Browning
Matrix:	Water	Received:	09/09/08 12:12
Unit:	ug/L	Prepared:	09/09/08 By: BJH
Dilution Factor:	1	Date Analyzed:	09/09/08 By: JMK
QC Batch:	0810443	Analytical Batch:	8090949

Polychlorinated Biphenyls (PCBs) by EPA Method 608

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.20 U	0.20	0.023
11104-28-2	PCB-1221	0.20 U	0.20	0.081
11141-16-5	PCB-1232	0.20 U	0.20	0.028
53469-21-9	PCB-1242	0.20 U	0.20	0.024
12672-29-6	PCB-1248	0.20 U	0.20	0.030
11097-69-1	PCB-1254	0.20 U	0.20	0.023
11096-82-5	PCB-1260	0.20 U	0.20	0.020

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	97	*30-115*
Tetrachloro-m-xylene	91	*43-115*

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 608

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0810443 608 Liquid/Liquid Extraction/USEPA-608									
Method Blank						Analyzed:		09/09/2008	By: JMK
Unit: ug/L						Analytical Batch:		8090949	
PCB-1016			0.20 U					0.20	0.023
PCB-1221			0.20 U					0.20	0.081
PCB-1232			0.20 U					0.20	0.028
PCB-1242			0.20 U					0.20	0.024
PCB-1248			0.20 U					0.20	0.030
PCB-1254			0.20 U					0.20	0.023
PCB-1260			0.20 U					0.20	0.020
Surrogates									
Decachlorobiphenyl				89	*30-115*				
Tetrachloro-m-xylene				64	*43-115*				
Laboratory Control Sample						Analyzed:		09/09/2008	By: JMK
Unit: ug/L						Analytical Batch:		8090949	
PCB-1242		1.00	**0.824**	82	54-113			0.20	0.024
Surrogates									
Decachlorobiphenyl				90	*30-115*				
Tetrachloro-m-xylene				62	*43-115*				

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualifications required.

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TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 125495

Page 1 of 1

For Lab Use Only

Cart 2

VOA Rack/Tray —

Receipt Log No. 7-13

Project Chemist

Laboratory Project No. 0809144

Client Name: U.S. EPA/Weston Solutions
Address: 20 N. Wacker, Suite 1210, Chicago, IL 60606
Phone: 312-424-3339
Fax:

Project Name: Allied Paper
Client Project No./P.O. No.
Invoice No. ☐ Client ☐ Other (comments)
Contact/Report To: Lisa Gracyk

Analyses Requested: PCBs

Container Type (corresponds to Container Packing List): 2

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

	Test Group	Matrix Code	Laboratory Sample Number	Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Number of Containers Submitted	Total	Sample Comments
1			-01	APS-090908-04-WT/ W-SA4N-EfflA-0015	Weston	9/9/08	1025		X	Water	✓	2	
2													
3													
4													
5													
6													
7													
8													
9													
10													

Sampled By (print): Michael Browning
Sampler's Signature: Michael J Browning
Company

How Shipped? (Hand) Carrier
Tracking No.

Comments: 24-hour TAT

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Michael J Browning	9/9/08	1212						

1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
						[illegible]	9.9.08	1212

Drop

TriMatrixCOC -- COC WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

TriMatrix Laboratories, Inc.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Client	Project-Submittal No.
USEPA	0809144 (new / add to)
Receipt Record Page/Line No. 7-13	Project Chemist: MH Sample Nos. 01

Coolers Received

Recorded by (initials/date): TB 9.9.08

☐ Cooler ☐ Box ☑ Other Drop Samps — Qty Received

Thermometer Used: ☐ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#____) ☐ See Additional Cooler Information Form

	Cooler 1	Cooler 2	Cooler 3	Cooler 4
Cooler No. / Time	Time 1215	Time	Time	Time
Custody Seals	☑ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact
Coolant Location	Dispersed / Top / Middle / Bottom (Top, Middle, Bottom circled)	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom
Coolant / Temperature Taken Via	☐ loose ice / avg 2-3 containers ☑ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ■ none / avg 2-3 containers	☐ loose ice ☐ bagged ice ☐ blue ice ■ none / avg 2-3 containers	☐ loose ice ☐ bagged ice ☐ blue ice ■ none / avg 2-3 containers	☐ loose ice ☐ bagged ice ☐ blue ice ■ none / avg 2-3 containers
Alternate Temperature Taken Via	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container

Cooler 1 temperatures:

	Recorded °C	Correction Factor °C	Actual °C
tb			
tb location: representative / in ice			
1	16.1	—	16.1
2	15.9	—	15.9
3	—	—	—
Average °C			16.0

Coolers 2–4: Recorded °C / Correction Factor °C / Actual °C; tb; tb location: representative / in ice; 1, 2, 3; Average °C — blank.

Each cooler: ☐ Cooler ID on COC? ☐ VOC trip blank received?

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received

☐ No COC received

N/A	Yes	No	
	☑	☐	Chain of Custody Record(s)?
	☐		If No, COC initiated by ____
	☑		Rec'd for Lab signed/date/time?
☑	☐		Shipping Document?
☑	☐		Other ____

COC ID Nos.

☑ TriMatrix 125495

☐ Other (name or ID#) ____

Check COC for Accuracy

☐ No analysis requested

Yes	No	
☑	■	Sample ID matches COC?
☑	■	Sample date and time matches COC?
☑		Container type completed on COC?
☑	■	All container types indicated are received?

Sample Condition Summary

☐ Non-TriMatrix containers, see Notes

N/A	Yes	No	
	■	☑	Broken containers/lids?
	■	☑	Missing or incomplete labels?
	■	☑	Illegible information on labels?
	■	☑	Low volume received?
	■	☑	Inappropriate containers received?
☑	■	☐	VOC vials have headspace?
☑	■	☐	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	☐	☑	Average sample temperature ≤6° C?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐	■	Samples preserved correctly?
☑	☐		If "No", added orange tag?
☑	☐		Received pre-preserved VOC soils? ☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged Containers
☐ Yellow/White-tagged 1L Ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☑ RECEIVED, COCs TO LAB(S)

Notes

24 Hr TAT

☐ Trip blank received ☐ Trip blank not listed on COC
☐ No COC received, Proj. Chemist reviewed (init./date) ____
☐ No analysis requested, Proj. Chemist completed (init./date) ____

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
9.9.08 1212	9.9.08 1216	Yes (circled) / No

revision: 2.6

September 30, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0809547	09/29/2008	WAP092908

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0809547**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP092908
Client Sample ID:	**APS-092908-05-WT/W_SA5S_EffluB_0015**	Sampled:	09/29/08 13:15
Lab Sample ID:	**0809547-01**	Sampled By:	Kelly Hudson
Matrix:	Water	Received:	09/29/08 17:55
Unit:	ug/L	Prepared:	09/30/08 By: BJH
Dilution Factor:	1	Date Analyzed:	09/30/08 By: JMK
QC Batch:	0811287	Analytical Batch:	8093040

Polychlorinated Biphenyls (PCBs) by EPA Method 608

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.20 U	0.20	0.023
11104-28-2	PCB-1221	0.20 U	0.20	0.081
11141-16-5	PCB-1232	0.20 U	0.20	0.028
53469-21-9	PCB-1242	0.20 U	0.20	0.024
12672-29-6	PCB-1248	0.20 U	0.20	0.030
11097-69-1	PCB-1254	0.20 U	0.20	0.023
11096-82-5	PCB-1260	0.20 U	0.20	0.020

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	90	*30-115*
Tetrachloro-m-xylene	66	*43-115*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0809547**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP092908
Client Sample ID:	**APS-092908-41-SD/TS20202**	Sampled:	09/29/08 14:04
Lab Sample ID:	**0809547-02**	Sampled By:	Kelly Hudson
Matrix:	Sediment	Received:	09/29/08 17:55
Unit:	mg/kg dry	Prepared:	09/30/08 By: ASC
Dilution Factor:	1	Date Analyzed:	09/30/08 By: JMK
QC Batch:	0811288	Analytical Batch:	8093050

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.89 U	0.89	0.019
11104-28-2	PCB-1221	0.89 U	0.89	0.029
11141-16-5	PCB-1232	0.89 U	0.89	0.029
53469-21-9	PCB-1242	**1.0**	0.89	0.014
12672-29-6	PCB-1248	0.89 U	0.89	0.038
11097-69-1	PCB-1254	0.89 U	0.89	0.021
11096-82-5	PCB-1260	0.89 U	0.89	0.015

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	74	*36-136*
Tetrachloro-m-xylene	78	*46-120*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0809547**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP092908
Client Sample ID:	**APS-092908-41-SD/TS20202**	Sampled:	09/29/08 14:04
Lab Sample ID:	**0809547-02**	Sampled By:	Kelly Hudson
Matrix:	Sediment	Received:	09/29/08 17:55

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**37**	0.1	0.1	%	1	USEPA-3550B	09/29/08	KNC	0811301

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 608

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0811287 608 Liquid/Liquid Extraction/USEPA-608									
Method Blank						Analyzed:		09/30/2008	By: JMK
Unit: ug/L						Analytical Batch:		8093040	
PCB-1016			0.20 U					0.20	0.023
PCB-1221			0.20 U					0.20	0.081
PCB-1232			0.20 U					0.20	0.028
PCB-1242			0.20 U					0.20	0.024
PCB-1248			0.20 U					0.20	0.030
PCB-1254			0.20 U					0.20	0.023
PCB-1260			0.20 U					0.20	0.020
Surrogates									
Decachlorobiphenyl				96	*30-115*				
Tetrachloro-m-xylene				74	*43-115*				
Laboratory Control Sample						Analyzed:		09/30/2008	By: JMK
Unit: ug/L						Analytical Batch:		8093040	
PCB-1242		1.00	**0.848**	85	54-113			0.20	0.024
Surrogates									
Decachlorobiphenyl				99	*30-115*				
Tetrachloro-m-xylene				73	*43-115*				
Laboratory Control Sample Duplicate						Analyzed:		09/30/2008	By: JMK
Unit: ug/L						Analytical Batch:		8093040	
PCB-1242		1.00	**0.780**	78	54-113	8	20	0.20	0.024
Surrogates									
Decachlorobiphenyl				95	*30-115*				
Tetrachloro-m-xylene				79	*43-115*				

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0811288 3550B Sonication Extraction/USEPA-8082									
Method Blank						Analyzed:		09/30/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8093050	
PCB-1016			0.33 U					0.33	0.0070
PCB-1221			0.33 U					0.33	0.011
PCB-1232			0.33 U					0.33	0.011
PCB-1242			0.33 U					0.33	0.0053
PCB-1248			0.33 U					0.33	0.014
PCB-1254			0.33 U					0.33	0.0078
PCB-1260			0.33 U					0.33	0.0056
Surrogates									
Decachlorobiphenyl				79	*36-136*				
Tetrachloro-m-xylene				85	*46-120*				
Laboratory Control Sample						Analyzed:		09/30/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8093050	
PCB-1242		0.167	**0.150**	90	73-118			0.33	0.0053
Surrogates									
Decachlorobiphenyl				88	*36-136*				
Tetrachloro-m-xylene				93	*46-120*				
Laboratory Control Sample Duplicate						Analyzed:		09/30/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8093050	
PCB-1242		0.167	**0.149**	89	73-118	0.4	20	0.33	0.0053
Surrogates									
Decachlorobiphenyl				89	*36-136*				
Tetrachloro-m-xylene				92	*46-120*				

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte:	**Percent Solids**/USEPA-3550B									
QC Batch: 0811301 (General Inorganic Prep)									Analyzed: 09/29/2008 By: KNC	
Method Blank			0.1 U	%					0.1	0.1
0809547-02 APS-092908-41-SD/TS20202										
Duplicate	37		**38**	%			2	20	0.1	0.1

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualifications required.

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TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 124775

Page 1 of 1

For Lab Use Only

Cart: 2
VOA Rack/Tray: –
Receipt Log No.: 43-6
Project Chemist: LMH
Laboratory Project No.: E-080954-17

Client Name: USEPA/Weston Solutions
Address: 20 N Wacker, Suite 1210
Chicago IL 60606
Phone: 312-424-3339
Fax: 312-424-3330

Project Name: Allied Paper
Client Project No./P.O. No.: 20405.012.002.0174.00
Invoice No. ☐ Client ☐ Other (comments)
Contact/Report To: Lisa Gracezyk

Analyses Requested

Container Type (corresponds to Container Packing List): A A

PCBs - Water
PCBs - Soil

Number of Containers Submitted: 1L 4oz

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Test Group	Matrix Code	Laboratory Sample Number	Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	1L	4oz	Total	Sample Comments
		-01	1 APS-092908-05-WT/	–	9/29/05	1315		X	W	2	–	2	
			2 W_SASS_EffluB_0005										
		-02	3 APS-092908-41-SD/TS20202	–	9/29/05	1404	X		S	–	1	1	
			4										
			5										
			6										
			7										
			8										
			9										
			10										

Sampled By (print): Kelly Hudson
Sampler's Signature:
Company: Weston Solutions of Michigan

How Shipped? (Hand) Carrier
Tracking No.

Comments: 24-hr TAT

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Kelly Hudson	9/29/08	17:55						
1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
						D. Nardin	9-29-08	17:55

(Drop)

TriMatrixCOC -- COC

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

October 01, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0809553	09/30/2008	WAP093008

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0809553**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP093008
Client Sample ID:	**APS-093008-42-SD/TS20209**	Sampled:	09/30/08 09:00
Lab Sample ID:	**0809553-01**	Sampled By:	Kelly Hudson
Matrix:	Sediment	Received:	09/30/08 12:08
Unit:	mg/kg dry	Prepared:	09/30/08 By: ASC
Dilution Factor:	1	Date Analyzed:	09/30/08 By: JMK
QC Batch:	0811323	Analytical Batch:	8093050

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.80 U	0.80	0.017
11104-28-2	PCB-1221	0.80 U	0.80	0.026
11141-16-5	PCB-1232	0.80 U	0.80	0.026
53469-21-9	PCB-1242	0.80 U	0.80	0.013
12672-29-6	PCB-1248	**0.22 J**	0.80	0.034
11097-69-1	PCB-1254	0.80 U	0.80	0.019
11096-82-5	PCB-1260	0.80 U	0.80	0.014

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	74	*36-136*
Tetrachloro-m-xylene	77	*46-120*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0809553**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP093008
Client Sample ID:	**APS-093008-42-SD/TS20209**	Sampled:	09/30/08 09:00
Lab Sample ID:	**0809553-01**	Sampled By:	Kelly Hudson
Matrix:	Sediment	Received:	09/30/08 12:08

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**41**	0.1	0.1	%	1	USEPA-3550B	09/30/08	KNC	0811326

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0811323 3550B Sonication Extraction/USEPA-8082									
Method Blank						Analyzed:		09/30/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8093050	
PCB-1016			0.33 U					0.33	0.0070
PCB-1221			0.33 U					0.33	0.011
PCB-1232			0.33 U					0.33	0.011
PCB-1242			0.33 U					0.33	0.0053
PCB-1248			0.33 U					0.33	0.014
PCB-1254			0.33 U					0.33	0.0078
PCB-1260			0.33 U					0.33	0.0056
Surrogates									
Decachlorobiphenyl				81	*36-136*				
Tetrachloro-m-xylene				89	*46-120*				
Laboratory Control Sample						Analyzed:		09/30/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8093050	
PCB-1242		0.167	**0.147**	88	73-118			0.33	0.0053
Surrogates									
Decachlorobiphenyl				85	*36-136*				
Tetrachloro-m-xylene				91	*46-120*				

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte:	**Percent Solids**/USEPA-3550B									
QC Batch: 0811326 (General Inorganic Prep)								Analyzed: 09/30/2008 By: KNC		
Method Blank			0.1 U	%					0.1	0.1
0809553-01 APS-093008-42-SD/TS20209										
Duplicate	41		**42**	%			2	20	0.1	0.1

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualifications required.

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TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 125487

Page 1 of 1

For Lab Use Only

Cart:

VOA Rack/Tray: —

Receipt Log No.: 45116

Project Chemist:

Laboratory Project No.: 0809553

Client Name: USEPA / Weston Solutions Inc
Address: 20 N. Wacker, Suite 1210
Chicago IL 60606
Phone: 312-424-3339
Fax: 312-424-3330

Project Name: Allied Paper
Client Project No./P.O. No.: 20405.012.002.0174.00
Invoice No. ☐ Client ☐ Other (comments)
Contact/Report To: Lisa Graczyk

Analyses Requested

PCBs

Container Type (corresponds to Container Packing List): A

Number of Containers Submitted: 402

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Test Group	Matrix Code	Laboratory Sample Number	Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	A	Total	Sample Comments
		01	1 APS-093008-42-SD/TS20209		9/30/08	0900	X		SO	X		
			2									
			3									
			4									
			5									
			6									
			7									
			8									
			9									
			10									

Sampled By (print): Kelly Hudson
Sampler's Signature:
Company: Weston Solutions of Michigan

How Shipped? (Hand) Carrier
Tracking No.

Comments: 24 hr TAT

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Kelly Hudson	9/30/08	12:08						
1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
							9.30.08	1208

TriMatrixCOC -- COC

WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

October 13, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0810183	10/10/2008	WAP101008

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC); any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0810183**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP101008
Client Sample ID:	**APS-101008-43-SD/TS20215**	Sampled:	10/10/08 10:30
Lab Sample ID:	**0810183-01**	Sampled By:	Kelly Hudson
Matrix:	Sediment	Received:	10/10/08 13:05
Unit:	mg/kg dry	Prepared:	10/10/08 By: ASC
Dilution Factor:	1	Date Analyzed:	10/10/08 By: JMK
QC Batch:	0811323	Analytical Batch:	8101053

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.58 U	0.58	0.012
11104-28-2	PCB-1221	0.58 U	0.58	0.019
11141-16-5	PCB-1232	0.58 U	0.58	0.019
53469-21-9	PCB-1242	0.58 U	0.58	0.0093
12672-29-6	PCB-1248	**0.89**	0.58	0.025
11097-69-1	PCB-1254	**0.83**	0.58	0.014
11096-82-5	PCB-1260	**0.17 J**	0.58	0.0098

Surrogates	***% Recovery***	***Control Limits***
Decachlorobiphenyl	100	*36-136*
Tetrachloro-m-xylene	92	*46-120*

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TriMatrix Laboratories, Inc.

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0810183**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP101008
Client Sample ID:	**APS-101008-43-SD/TS20215**	Sampled:	10/10/08 10:30
Lab Sample ID:	**0810183-01**	Sampled By:	Kelly Hudson
Matrix:	Sediment	Received:	10/10/08 13:05

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**57**	0.1	0.1	%	1	USEPA-3550B	10/10/08	KNC	0811741

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0811323 3550B Sonication Extraction/USEPA-8082									
Method Blank						Analyzed:		10/10/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8101053	
PCB-1016			0.33 U					0.33	0.0070
PCB-1221			0.33 U					0.33	0.011
PCB-1232			0.33 U					0.33	0.011
PCB-1242			0.33 U					0.33	0.0053
PCB-1248			0.33 U					0.33	0.014
PCB-1254			0.33 U					0.33	0.0078
PCB-1260			0.33 U					0.33	0.0056
Surrogates									
Decachlorobiphenyl				98	*36-136*				
Tetrachloro-m-xylene				93	*46-120*				
Laboratory Control Sample						Analyzed:		10/10/2008	By: JMK
Unit: mg/kg wet						Analytical Batch:		8101053	
PCB-1248		0.167	**0.114**	68	67-131			0.33	0.014
Surrogates									
Decachlorobiphenyl				100	*36-136*				
Tetrachloro-m-xylene				94	*46-120*				

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte:	**Percent Solids**/USEPA-3550B									
QC Batch: 0811741 (General Inorganic Prep)								Analyzed: 10/10/2008 By: KNC		
Method Blank			0.1 U	%					0.1	0.1
0810183-01 APS-101008-43-SD/TS20215										
Duplicate	57		**54**	%			5	20	0.1	0.1

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program. No Qualifications required.

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

TriMatrix Laboratories, Inc.
5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 125488

Page 1 of 1

For Lab Use Only

Cart: Lab
VOA Rack/Tray: —
Receipt Log No.: 13.10
Project Chemist:
Laboratory Project No.: 0810183

WAP101008

Client Name: USEPA / Weston Solutions
Address: 20 N Wacker, Suite 1210, Chicago IL 60606
Phone: 312-424-3339
Fax: 312-424-3330

Project Name: Allied Paper
Client Project No./P.O. No.: 20405.012.002.0174.00
Invoice No.: ☐ Client ☐ Other (comments)
Contact/Report To: Lisa Graczyk

Analyses Requested: PCBs (A)

Container Type (corresponds to Container Packing List): 4oz

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Test Group	Matrix Code	Laboratory Sample Number	#	Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	PCBs (Number of Containers Submitted)	Total	Sample Comments
		01	1	APS-101008-43-SD/TS20215		10/10/08	1030	X		So	1	1	
			2										
			3										
			4										
			5										
			6										
			7										
			8										
			9										
			10										

Sampled By (print): Kelly Hudson
Sampler's Signature: [signature]
Company: Weston Solutions of Michigan, Inc

How Shipped? (Hand) Carrier ______
Tracking No.

Comments: 24 hr TAT

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Kelly Hudson [signature]	10/10/08	1305						
1. Received By	**Date**	**Time**	**2. Received By**	**Date**	**Time**	**4. Received For Lab By**	**Date**	**Time**
						[signature]	10-10-08	1305

TriMatrix Laboratories, Inc.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Client	Weston	Project-Submittal No.	0810183
Receipt Record Page/Line No.	13.16	new / add to	
		Project Chemist	MH
		Sample Nos.	01

Coolers Received

Recorded by (initials/date): WC 10.10.08

☑ Cooler ☐ Box ☐ Other ____ Qty Received: 1

Thermometer Used: ☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#)

☐ See Additional Cooler Information Form

	Cooler 1	Cooler 2	Cooler 3	Cooler 4
Cooler No. / Time	— / 1305			
Custody Seals	☑ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact
Coolant Location: Dispersed / Top / Middle / Bottom	Top (circled)			
Coolant/Temperature Taken Via	☐ loose ice / avg 2-3 containers ☑ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers	☐ loose ice ☐ bagged ice ☐ blue ice ☐ none / avg 2-3 containers	☐ loose ice ☐ bagged ice ☐ blue ice ☐ none / avg 2-3 containers	☐ loose ice ☐ bagged ice ☐ blue ice ☐ none / avg 2-3 containers
Alternate Temperature Taken Via	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container

Cooler	Row	Recorded °C	Correction Factor °C	Actual °C
1	tb			
1	tb location: representative / in ice			
1	1	5.3	–	5.3
1	2			
1	3			
1	Average °C			5.3
2, 3, 4	tb / 1 / 2 / 3 / Average °C			

☐ Cooler ID on COC? ☐ VOC trip blank received? (each cooler)

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received

☐ No COC received

N/A	Yes	No	
	☑	☐	Chain of Custody Record(s)?
	☐		If No, COC initiated by ____
	☑		Rec'd for Lab signed/date/time?
☑	☐		Shipping Document?
☑	☐		Other ____

COC ID Nos.

☑ TriMatrix

☐ Other (name or ID#) ____

Check COC for Accuracy

☐ No analysis requested

Yes	No	
☑	☐	Sample ID matches COC?
☑	☐	Sample date and time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Sample Condition Summary

☐ Non-TriMatrix containers, see Notes

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate containers received?
☑	☐	☐	VOC vials / TOX containers have headspace?
☐	☐	☑	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	☑	☐	Average sample temperature ≤6° C?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐	☐	Samples preserved correctly?
☑	☐		If "No", added orange tag?
☑	☐		Received pre-preserved VOC soils? ☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged Containers
☐ Yellow/White-tagged 1L Ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☑ RECEIVED, COCs TO LAB(S)

Notes

☐ Trip blank received ☐ Trip blank not listed on COC
☐ No COC received, Proj. Chemist reviewed (init./date) ____
☐ No analysis requested, Proj. Chemist completed (init./date) ____

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
10.10.08 1305	10.10.08 1310	Yes (circled) / No

October 20, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0810301	10/15/2008	WAP101508

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC). Any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0810301**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP101508
Client Sample ID:	**APS-101508-Spillway-01**	Sampled:	10/15/08 12:25
Lab Sample ID:	**0810301-01**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	10/15/08 15:58
Unit:	mg/kg dry	Prepared:	10/16/08 By: ASC
Dilution Factor:	1	Analyzed:	10/16/08 By: DJM
QC Batch:	0811752	Analytical Batch:	8101714

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.45U	0.45	0.0096
11104-28-2	PCB-1221	0.45U	0.45	0.015
11141-16-5	PCB-1232	0.45U	0.45	0.015
*53469-21-9	PCB-1242	**0.20J**	0.45	0.0073
12672-29-6	PCB-1248	0.45U	0.45	0.019
11097-69-1	PCB-1254	**0.16J**	0.45	0.011
11096-82-5	PCB-1260	**0.042J**	0.45	0.0077

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	81	*36-136*
Tetrachloro-m-xylene	77	*46-120*

*See Statement of Data Qualifications

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0810301**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP101508
Client Sample ID:	**APS-101508-Spillway-01**	Sampled:	10/15/08 12:25
Lab Sample ID:	**0810301-01**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	10/15/08 15:58

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**73**	0.1	0.1	%	1	USEPA-3550B	10/16/08	KNC	0811919

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0810301**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP101508
Client Sample ID:	**APS-101508-Spillway-02**	Sampled:	10/15/08 12:32
Lab Sample ID:	**0810301-02**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	10/15/08 15:58
Unit:	mg/kg dry	Prepared:	10/16/08 By: ASC
Dilution Factor:	1	Analyzed:	10/16/08 By: DJM
QC Batch:	0811752	Analytical Batch:	8101714

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.40U	0.40	0.0085
11104-28-2	PCB-1221	0.40U	0.40	0.013
11141-16-5	PCB-1232	0.40U	0.40	0.013
*53469-21-9	PCB-1242	**0.12J**	0.40	0.0065
12672-29-6	PCB-1248	0.40U	0.40	0.017
11097-69-1	PCB-1254	**0.14J**	0.40	0.0095
11096-82-5	PCB-1260	**0.035J**	0.40	0.0068

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	82	*36-136*
Tetrachloro-m-xylene	84	*46-120*

*See Statement of Data Qualifications

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0810301**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP101508
Client Sample ID:	**APS-101508-Spillway-02**	Sampled:	10/15/08 12:32
Lab Sample ID:	**0810301-02**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	10/15/08 15:58

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**82**	0.1	0.1	%	1	USEPA-3550B	10/16/08	KNC	0811919

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0810301**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP101508
Client Sample ID:	**APS-101508-Spillway-03**	Sampled:	10/15/08 12:40
Lab Sample ID:	**0810301-03**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	10/15/08 15:58
Unit:	mg/kg dry	Prepared:	10/16/08 By: ASC
Dilution Factor:	1	Analyzed:	10/16/08 By: DJM
QC Batch:	0811752	Analytical Batch:	8101714

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.48U	0.48	0.010
11104-28-2	PCB-1221	0.48U	0.48	0.016
11141-16-5	PCB-1232	0.48U	0.48	0.016
*53469-21-9	PCB-1242	**0.19J**	0.48	0.0077
12672-29-6	PCB-1248	0.48U	0.48	0.021
11097-69-1	PCB-1254	**0.22J**	0.48	0.011
11096-82-5	PCB-1260	**0.057J**	0.48	0.0082

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	77	*36-136*
Tetrachloro-m-xylene	78	*46-120*

*See Statement of Data Qualifications

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0810301**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP101508
Client Sample ID:	**APS-101508-Spillway-03**	Sampled:	10/15/08 12:40
Lab Sample ID:	**0810301-03**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	10/15/08 15:58

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**69**	0.1	0.1	%	1	USEPA-3550B	10/16/08	KNC	0811919

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0810301**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP101508
Client Sample ID:	**APS-101508-Spillway-04**	Sampled:	10/15/08 12:45
Lab Sample ID:	**0810301-04**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	10/15/08 15:58
Unit:	mg/kg dry	Prepared:	10/16/08 By: ASC
Dilution Factor:	1	Analyzed:	10/16/08 By: DJM
QC Batch:	0811752	Analytical Batch:	8101714

*Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.37U	0.37	0.0079
11104-28-2	PCB-1221	0.37U	0.37	0.012
11141-16-5	PCB-1232	0.37U	0.37	0.012
53469-21-9	PCB-1242	0.37U	0.37	0.0060
12672-29-6	PCB-1248	0.37U	0.37	0.016
11097-69-1	PCB-1254	**0.015J**	0.37	0.0088
11096-82-5	PCB-1260	**0.0098J**	0.37	0.0063

Surrogates:	*% Recovery*	*Control Limits*
Decachlorobiphenyl	42	*36-136*
Tetrachloro-m-xylene	**34**	*46-120*

*See Statement of Data Qualifications

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0810301**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP101508
Client Sample ID:	**APS-101508-Spillway-04**	Sampled:	10/15/08 12:45
Lab Sample ID:	**0810301-04**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	10/15/08 15:58

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**88**	0.1	0.1	%	1	USEPA-3550B	10/16/08	KNC	0811919

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0810301**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP101508
Client Sample ID:	**APS-101508-Spillway-04**	Sampled:	10/15/08 12:45
Lab Sample ID:	**0810301-04RE1**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	10/15/08 15:58
Unit:	mg/kg dry	Prepared:	10/17/08 By: ASC
Dilution Factor:	1	Analyzed:	10/17/08 By: DJM
QC Batch:	0811752	Analytical Batch:	8101745

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.37U	0.37	0.0079
11104-28-2	PCB-1221	0.37U	0.37	0.012
11141-16-5	PCB-1232	0.37U	0.37	0.012
53469-21-9	PCB-1242	0.37U	0.37	0.0060
12672-29-6	PCB-1248	0.37U	0.37	0.016
11097-69-1	PCB-1254	**0.029J**	0.37	0.0088
11096-82-5	PCB-1260	**0.022J**	0.37	0.0063

Surrogates:	*% Recovery*	*Control Limits*
Decachlorobiphenyl	73	*36-136*
Tetrachloro-m-xylene	47	*46-120*

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0811752 3550B Sonication Extraction/USEPA-8082									
Method Blank					Analyzed:	10/16/2008	By: DJM		
Unit: mg/kg wet					Analytical Batch:	8101714			
PCB-1016			0.33 U					0.33	0.0070
PCB-1221			0.33 U					0.33	0.011
PCB-1232			0.33 U					0.33	0.011
PCB-1242			0.33 U					0.33	0.0053
PCB-1248			0.33 U					0.33	0.014
PCB-1254			0.33 U					0.33	0.0078
PCB-1260			0.33 U					0.33	0.0056
Surrogates:									
Decachlorobiphenyl				*96*	*36-136*				
Tetrachloro-m-xylene				*90*	*46-120*				
Method Blank					Analyzed:	10/17/2008	By: DJM		
Unit: mg/kg wet					Analytical Batch:	8101745			
PCB-1016			0.33 U					0.33	0.0070
PCB-1221			0.33 U					0.33	0.011
PCB-1232			0.33 U					0.33	0.011
PCB-1242			0.33 U					0.33	0.0053
PCB-1248			0.33 U					0.33	0.014
PCB-1254			0.33 U					0.33	0.0078
PCB-1260			0.33 U					0.33	0.0056
Surrogates:									
Decachlorobiphenyl				*86*	*36-136*				
Tetrachloro-m-xylene				*94*	*46-120*				
Laboratory Control Sample					Analyzed:	10/16/2008	By: DJM		
Unit: mg/kg wet					Analytical Batch:	8101714			
PCB-1248		0.167	**0.163**	98	67-131			0.33	0.014
Surrogates:									
Decachlorobiphenyl				*98*	*36-136*				
Tetrachloro-m-xylene				*88*	*46-120*				
Laboratory Control Sample					Analyzed:	10/17/2008	By: DJM		
Unit: mg/kg wet					Analytical Batch:	8101745			
PCB-1248		0.167	**0.162**	97	67-131			0.33	0.014
Surrogates:									
Decachlorobiphenyl				*79*	*36-136*				

Continued on next page

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082 (Continued)

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL

QC Batch: 0811752 (Continued) 3550B Sonication Extraction/USEPA-8082

Laboratory Control Sample (Continued) Analyzed: 10/17/2008 By: DJM

Unit: mg/kg wet Analytical Batch: 8101745

Surrogates (Continued):

Tetrachloro-m-xylene		*94*	*46-120*

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QUALITY CONTROL REPORT

Physical / Chemical Parameters by EPA / APHA / ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte: Percent Solids/USEPA-3550B										
QC Batch: 0811919 (General Inorganic Prep)							Analyzed: 10/16/2008		By: KNC	
Method Blank			0.1 U	%					0.1	0.1
0810301-02 [APS-101508-Spillway-02]										
Duplicate	82		**81**	%			1	20	0.1	0.1

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STATEMENT OF DATA QUALIFICATIONS

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Qualification: A conclusive PCB Aroclor identification is not possible due to sample matrix interference and/or weathering of the sample. The result is qualitative and the identity of the reported Aroclor is tentative.

Analysis: USEPA-8082

Sample/Analyte:			
	0810301-01	APS-101508-Spillway-01	PCB-1242
	0810301-02	APS-101508-Spillway-02	PCB-1242
	0810301-03	APS-101508-Spillway-03	PCB-1242

Qualification: One or more surrogate recoveries for the sample were less than the lower control limit but greater than or equal to 10%. All results are considered estimated.

Analysis: USEPA-8082

Sample/Analyte:		
	0810301-04	APS-101508-Spillway-04

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TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 125486

Page 1 of 1

For Lab Use Only
Cart: 3
VOA Rack/Tray: –
Receipt Log No.: 22-26
Project Chemist: MH
Laboratory Project No.: 081030 1

Client Name: U.S. EPA/Weston Solutions, Inc.
Address: 20 N. Wacker, Suite 1210
Chicago, IL 60606
Phone: 312-424-3339
Fax:
Project Name: Allied Paper
Client Project No./P.O. No.:
Invoice No.: ☐ Client ☐ Other (comments)
Contact/Report To: Lisa Gracyk

Analyses Requested

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Test Group	Matrix Code	Laboratory Sample Number		Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	PCBs	Total	Sample Comments
				Container Type (corresponds to Container Packing List)							17		
				Number of Containers Submitted									
ASO		-01	1	APS-101508-Spillway-01	Weston	10/15/08	1225		X	Sed.	√	1	
		-02	2	APS-101508-Spillway-02	↓	↓	1232		X	↓	√	1	
		-03	3	APS-101508-Spillway-03	↓	↓	1240		X	↓	√	1	
		-04	4	APS-101508-Spillway-04	Weston	10/15/08	1245		X	Sed.	√	1	
			5										
			6										
			7										
			8										
			9										
			10										

Sampled By (print): Michael Browning
Sampler's Signature: Michael J Browning
Company: Weston Solutions, Inc.

How Shipped? (Hand) Carrier:
Tracking No.:

Comments: 48-hr TAT

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Michael J Browning	10/15/08	1558						
1. Received By	Date	Time	2. Received By	Date	Time	3. Received For Lab By	Date	Time
						[illegible]	10.15.08	1558

TriMatrix Laboratories, Inc.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Client: Weston	Project-Submittal No.: new / add to 0810301
Receipt Record Page/Line No.: 22.210	Project Chemist: LMH / Sample Nos.: 01-04

Coolers Received

Recorded by (initials/date)		Qty Received	Thermometer Used	
WC 10-15-08	☑ Cooler ☐ Box ☐ Other	1	☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#)	☐ See Additional Cooler Information Form

	Cooler 1	Cooler 2	Cooler 3	Cooler 4
Cooler No. / Time	TM 0158 / 1000			
Custody Seals	☑ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact
Coolant Location	(Dispersed) / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom	Dispersed / Top / Middle / Bottom
Coolant/Temperature Taken Via	☐ loose ice / avg 2-3 containers ☑ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers	☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers	☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers	☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers
Alternate Temperature Taken Via	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container

Cooler 1 temperatures:

	Recorded °C	Correction Factor °C	Actual °C
tb			
tb location: representative / in ice			
1	11.8	—	11.8
2	12.6	—	12.6
3	12.3	-	12.3
Average °C			12.2

Coolers 2–4: Recorded °C / Correction Factor °C / Actual °C; tb; tb location: representative / in ice; 1; 2; 3; Average °C (blank)

Each cooler: ☐ Cooler ID on COC? ☐ VOC trip blank received?

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received

☐ No COC received

N/A	Yes	No	
	☑	☐	**Chain of Custody Record(s)?**
	☐		If No, COC initiated by
	☑		Rec'd for Lab signed/date/time?
☑	☐		Shipping Document?
☑	☐		Other

COC ID Nos.

☑ TriMatrix 125480

☐ Other (name or ID#)

Check COC for Accuracy

☐ No analysis requested

Yes	No	
☑	☐	Sample ID matches COC?
☑	☐	Sample date and time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Sample Condition Summary

☐ Non-TriMatrix containers, see Notes

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate containers received?
☑	☐	☐	VOC vials / TOX containers have headspace?
☐	☐	☑	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	☐	☑	Average sample temperature ≤6° C?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐	☐	Samples preserved correctly?
☑	☐		If "No", added orange tag?
☑	☐		Received pre-preserved VOC soils? ☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

- ☐ Bacteriological
- ☐ Air Bags
- ☐ EnCores / Methanol Pre-Preserved
- ☐ Formaldehyde/Aldehyde
- ☐ Green-tagged Containers
- ☐ Yellow/White-tagged 1L Ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☑ RECEIVED, COCs TO LAB(S)

Notes prep & inorganics

- ☐ Trip blank received ☐ Trip blank not listed on COC
- ☐ No COC received, Proj. Chemist reviewed (init./date)
- ☐ No analysis requested, Proj. Chemist completed (init./date)

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
10-15-08 1558	10-15-08 1605	(Yes) / No

October 22, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0810432	10/21/2008	WAP102108

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC). Any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0810432**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP102108
Client Sample ID:	**APS-102108-44-SD/TS20235**	Sampled:	10/21/08 10:50
Lab Sample ID:	**0810432-01**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	10/21/08 12:45
Unit:	mg/kg dry	Prepared:	10/21/08 By: ASC
Dilution Factor:	1	Analyzed:	10/22/08 By: JMK
QC Batch:	0812180	Analytical Batch:	8102214

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.59U	0.59	0.013
11104-28-2	PCB-1221	0.59U	0.59	0.019
11141-16-5	PCB-1232	0.59U	0.59	0.020
*53469-21-9	PCB-1242	**0.017J**	0.59	0.0095
12672-29-6	PCB-1248	0.59U	0.59	0.025
11097-69-1	PCB-1254	**0.055J**	0.59	0.014
11096-82-5	PCB-1260	**0.042J**	0.59	0.010

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	116	*36-136*
Tetrachloro-m-xylene	88	*46-120*

*See Statement of Data Qualifications

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0810432**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP102108
Client Sample ID:	**APS-102108-44-SD/TS20235**	Sampled:	10/21/08 10:50
Lab Sample ID:	**0810432-01**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	10/21/08 12:45

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**56**	0.1	0.1	%	1	USEPA-3550B	10/21/08	KNC	0812191

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0810432**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP102108
Client Sample ID:	**APS-102108-44-SD-DP/TS20235**	Sampled:	10/21/08 10:50
Lab Sample ID:	**0810432-02**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	10/21/08 12:45
Unit:	mg/kg dry	Prepared:	10/21/08 By: ASC
Dilution Factor:	1	Analyzed:	10/22/08 By: JMK
QC Batch:	0812180	Analytical Batch:	8102214

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.59U	0.59	0.012
11104-28-2	PCB-1221	0.59U	0.59	0.019
11141-16-5	PCB-1232	0.59U	0.59	0.019
*53469-21-9	PCB-1242	**0.017J**	0.59	0.0094
12672-29-6	PCB-1248	0.59U	0.59	0.025
11097-69-1	PCB-1254	**0.049J**	0.59	0.014
11096-82-5	PCB-1260	**0.037J**	0.59	0.010

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	112	*36-136*
Tetrachloro-m-xylene	89	*46-120*

*See Statement of Data Qualifications

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0810432**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP102108
Client Sample ID:	**APS-102108-44-SD-DP/TS20235**	Sampled:	10/21/08 10:50
Lab Sample ID:	**0810432-02**	Sampled By:	Michael Browning
Matrix:	Sediment	Received:	10/21/08 12:45

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**56**	0.1	0.1	%	1	USEPA-3550B	10/21/08	KNC	0812191

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0812180 3550B Sonication Extraction/USEPA-8082									
Method Blank					Analyzed:	10/22/2008	By: JMK		
Unit: mg/kg wet					Analytical Batch:	8102214			
PCB-1016			0.33 U					0.33	0.0070
PCB-1221			0.33 U					0.33	0.011
PCB-1232			0.33 U					0.33	0.011
PCB-1242			0.33 U					0.33	0.0053
PCB-1248			0.33 U					0.33	0.014
PCB-1254			0.33 U					0.33	0.0078
PCB-1260			0.33 U					0.33	0.0056
Surrogates:									
Decachlorobiphenyl				*94*	*36-136*				
Tetrachloro-m-xylene				*100*	*46-120*				
Laboratory Control Sample					Analyzed:	10/22/2008	By: JMK		
Unit: mg/kg wet					Analytical Batch:	8102214			
PCB-1248		0.167	**0.174**	104	67-131			0.33	0.014
Surrogates:									
Decachlorobiphenyl				*98*	*36-136*				
Tetrachloro-m-xylene				*96*	*46-120*				
Matrix Spike 0810432-01 APS-102108-44-SD/TS20235					Analyzed:	10/22/2008	By: JMK		
Unit: mg/kg dry					Analytical Batch:	8102214			
PCB-1248	0.59 U	0.299	**0.304**	102	39-140			0.59	0.025
Surrogates:									
Decachlorobiphenyl				*109*	*36-136*				
Tetrachloro-m-xylene				*91*	*46-120*				
Matrix Spike Duplicate 0810432-01 APS-102108-44-SD/TS20235					Analyzed:	10/22/2008	By: JMK		
Unit: mg/kg dry					Analytical Batch:	8102214			
PCB-1248	0.59 U	0.299	**0.297**	99	39-140	2	20	0.59	0.025
Surrogates:									
Decachlorobiphenyl				*120*	*36-136*				
Tetrachloro-m-xylene				*87*	*46-120*				

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte: Percent Solids/USEPA-3550B										
QC Batch: 0812191 (General Inorganic Prep)							Analyzed: 10/21/2008		By: KNC	
Method Blank			0.1 U	%					0.1	0.1
0810432-01 [APS-102108-44-SD/TS20235]										
Duplicate	56		**56**	%			0.8	20	0.1	0.1

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STATEMENT OF DATA QUALIFICATIONS

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Qualification: A conclusive PCB Aroclor identification is not possible due to sample matrix interference and/or weathering of the sample. The identity of the reported aroclor is tentative.

Analysis: USEPA-8082

Sample/Analyte:	0810432-01	APS-102108-44-SD/TS20235	PCB-1242
	0810432-02	APS-102108-44-SD-DP/TS20235	PCB-1242

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TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 125485

Page 1 of 1

For Lab Use Only

Cart

VOA Rack/Tray —

Receipt Log No. 31-11

Project Chemist

Laboratory Project No. 0810432

LWAP02108

Client Name: U.S.EPA/Weston Solutions, Inc.
Address: 20 N. Wacker, Suite 1210
Chicago, IL 60606
Phone 312-424-3339
Fax

Project Name: Allied Papers
Client Project No./P.O. No.
Invoice No. ☐ Client ☐ Other (comments)
Contact/Report To

Analyses Requested

PCBs

Container Type (corresponds to Container Packing List)

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Test Group	Matrix Code	Laboratory Sample Number	Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	17	Total	Sample Comments
		01	APS-102108-44-SD/TS20235	Weston	10/21/08	1050	X		Sed.	✓	2	MS/MSD
		02	APS-102108-44-SD-DP/TS20235	Weston	10/21/08	1050	X		Sed.	✓	1	

Number of Containers Submitted

Sampled By (print): Michael Browning
Sampler's Signature: Michael J Browning
Company: Weston Solutions, Inc.

How Shipped? (Hand) Carrier
Tracking No.

Comments: 24-hour TAT

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Michael J Browning	10/21/08	1245						
1. Received By	**Date**	**Time**	**2. Received By**	**Date**	**Time**	**4. Received For Lab By**	**Date**	**Time**
						[illegible]	10.21.08	1245

TriMatrix Laboratories, Inc.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Client: Weston
Receipt Record Page/Line No: 31-11
Project-Submittal No: new / add to 0810432
Project Chemist: MH
Sample Nos: 01-02

Coolers Received

Recorded by (initials/date): WC 10-21-08

☑ Cooler ☐ Box ☐ Other ____ | Qty Received: 1

Thermometer Used: ☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (# ____)

☐ See Additional Cooler Information Form

Cooler No. Client	Time 1240	Cooler No.	Time	Cooler No.	Time	Cooler No.	Time
Custody Seals		Custody Seals		Custody Seals		Custody Seals	
☑ none		☐ none		☐ none		☐ none	
☐ present / intact		☐ present / intact		☐ present / intact		☐ present / intact	
☐ present / not intact		☐ present / not intact		☐ present / not intact		☐ present / not intact	
Coolant Location:		Coolant Location:		Coolant Location		Coolant Location:	
Dispersed / Top / Middle / Bottom		Dispersed / Top / Middle / Bottom		Dispersed / Top / Middle / Bottom		Dispersed / Top / Middle / Bottom	
Coolant/Temperature Taken Via:		Coolant / Temperature Taken Via:		Coolant / Temperature Taken Via		Coolant / Temperature Taken Via:	
☐ loose ice / avg 2-3 containers		☐ loose ice / avg 2-3 containers		☐ loose ice / avg 2-3 containers		☐ loose ice / avg 2-3 containers	
☑ bagged ice / avg 2-3 containers		☐ bagged ice / avg 2-3 containers		☐ bagged ice / avg 2-3 containers		☐ bagged ice / avg 2-3 containers	
☐ blue ice / avg 2-3 containers		☐ blue ice / avg 2-3 containers		☐ blue ice / avg 2-3 containers		☐ blue ice / avg 2-3 containers	
☐ none / avg 2-3 containers		☐ none / avg 2-3 containers		☐ none / avg 2-3 containers		☐ none / avg 2-3 containers	
Alternate Temperature Taken Via:		Alternate Temperature Taken Via:		Alternate Temperature Taken Via:		Alternate Temperature Taken Via:	
☐ temperature blank (tb)		☐ temperature blank (tb)		☐ temperature blank (tb)		☐ temperature blank (tb)	
☐ 1 container		☐ 1 container		☐ 1 container		☐ 1 container	

	Recorded °C	Correction Factor °C	Actual °C	Recorded °C	Correction Factor °C	Actual °C	Recorded °C	Correction Factor °C	Actual °C	Recorded °C	Correction Factor °C	Actual °C
tb												
tb location: representative / in ice												
1	7.8	-	7.8									
2	7.6	-	7.6									
3	7.5	-	7.5									
Average °C			7.6									
☐ Cooler ID on COC?												
☐ VOC trip blank received?												

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received

☐ No COC received

N/A	Yes	No	
	☑	☐	Chain of Custody Record(s)?
	☐		If No, COC initiated by ____
	☑		Rec'd for Lab signed/date/time?
☑	☐		Shipping Document?
☑	☐		Other ____

COC ID Nos: 125485

☑ TriMatrix

☐ Other (name or ID#) ____

Check COC for Accuracy

☐ No analysis requested

Yes	No	
☑	☐	Sample ID matches COC?
☑	☐	Sample date and time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Sample Condition Summary

☐ Non-TriMatrix containers, see Notes

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate containers received?
☑	☐	☐	VOC vials / TOX containers have headspace?
☐	☐	☑	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	☐	☑	Average sample temperature ≤6° C?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐	☐	Samples preserved correctly?
☑	☐		If "No", added orange tag?
☑	☐		Received pre-preserved VOC soils?

☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged Containers
☐ Yellow/White-tagged 1L Ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☑ RECEIVED, COCs TO LAB(S)

Notes

☐ Trip blank received ☐ Trip blank not listed on COC
☐ No COC received, Proj. Chemist reviewed (init./date) ____
☐ No analysis requested, Proj. Chemist completed (init./date) ____

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
10-21-08 1245	10-21-08 1250	(Yes) / No

November 06, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0811073	11/05/2008	WAP110508

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC). Any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0811073**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP110508
Client Sample ID:	**APS-110508-06-WT/W-SA5S-EffluB-0020**	Sampled:	11/05/08 13:24
Lab Sample ID:	**0811073-01**	Sampled By:	Kelly Hudson
Matrix:	Water	Received:	11/05/08 15:27
Unit:	ug/L	Prepared:	11/06/08 By: ASC
Dilution Factor:	1	Analyzed:	11/06/08 By: JMK
QC Batch:	0812988	Analytical Batch:	8110626

Polychlorinated Biphenyls (PCBs) by EPA Method 608

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.20U	0.20	0.023
11104-28-2	PCB-1221	0.20U	0.20	0.081
11141-16-5	PCB-1232	0.20U	0.20	0.028
53469-21-9	PCB-1242	0.20U	0.20	0.024
12672-29-6	PCB-1248	0.20U	0.20	0.030
11097-69-1	PCB-1254	0.20U	0.20	0.023
11096-82-5	PCB-1260	**0.021J**	0.20	0.020

Surrogates:	*% Recovery*	*Control Limits*
Decachlorobiphenyl	100	*48-137*
Tetrachloro-m-xylene	81	*25-119*

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 608

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0812988 608 Liquid/Liquid Extraction/USEPA-608									
Method Blank					Analyzed:	11/06/2008	By: JMK		
Unit: ug/L					Analytical Batch:	8110626			
PCB-1016			0.20 U					0.20	0.023
PCB-1221			0.20 U					0.20	0.081
PCB-1232			0.20 U					0.20	0.028
PCB-1242			0.20 U					0.20	0.024
PCB-1248			0.20 U					0.20	0.030
PCB-1254			0.20 U					0.20	0.023
PCB-1260			0.20 U					0.20	0.020
Surrogates:									
Decachlorobiphenyl				*113*	*48-137*				
Tetrachloro-m-xylene				*65*	*25-119*				
Laboratory Control Sample					Analyzed:	11/06/2008	By: JMK		
Unit: ug/L					Analytical Batch:	8110626			
PCB-1248		1.00	**1.06**	106	49-139			0.20	0.030
Surrogates:									
Decachlorobiphenyl				*101*	*48-137*				
Tetrachloro-m-xylene				*69*	*25-119*				
Laboratory Control Sample Duplicate					Analyzed:	11/06/2008	By: JMK		
Unit: ug/L					Analytical Batch:	8110626			
PCB-1248		1.00	**1.12**	112	49-139	6	20	0.20	0.030
Surrogates:									
Decachlorobiphenyl				*103*	*48-137*				
Tetrachloro-m-xylene				*73*	*25-119*				

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program.
No Qualifications required.

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TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 125489

WAP110508

For Lab Use Only
Cart
VOA Rack/Tray
Receipt Log No. 10-25
Project Chemist
Laboratory Project No. ~~080~~ 0811073

Client Name: USEPA/Weston Solutions Inc
Address: 20 N Wacker, Suite 1210
Chicago IL 60606
Phone 312-424-3339
Fax 312-424-3330

Project Name: Allied Paper
Client Project No./P.O. No. 20405.012.002.0174.00
Invoice No. ☐ Client ☐ Other (comments)
Contact/Report To: Lisa Graczyk

Page 1 of 1

Analyses Requested

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Test Group	Matrix Code	Laboratory Sample Number	Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	PCBs: Container Type (corresponds to Container Packing List)	PCBs: Number of Containers Submitted	Total	Sample Comments
		01	APS-110508-06-WT/W_SASS_EffAvB_0020		11/5/08	13:24		X	W	1L	1	1	

Sampled By (print): Kelly (Hudson) Jonas
Sampler's Signature: Kelly Jonas
Company: Weston Solutions of Michigan, Inc

How Shipped? (Hand) Carrier
Tracking No.

Comments: 24-hr TAT

1. Relinquished By: Kelly Jonas Date: 11/5/08 Time: 15:27
1. Received By: Date: Time:
2. Relinquished By: Date: Time:
2. Received By: Date: Time:
3. Relinquished By: Date: Time:
3. Received For Lab By: Date: Time: 11-5-08 1527

TriMatrixCOC -- COC WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

TriMatrix Laboratories, Inc.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Client	Project-Submittal No.
USEPA/Weston	new / add to 0811073
Receipt Record Page/Line No. 10/25	Project Chemist: CMH — Sample Nos. 01

Coolers Received

Recorded by (initials/date)		Qty Received	Thermometer Used	
LK 11/5/08	☑ Cooler ☐ Box ☐ Other ___	1	☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (# ___)	☐ See Additional Cooler Information Form

Cooler No. — Time 1530	Cooler No. Time	Cooler No. Time	Cooler No. Time
Custody Seals: ☑ none ☐ present / intact ☐ present / not intact	Custody Seals: ☐ none ☐ present / intact ☐ present / not intact	Custody Seals: ☐ none ☐ present / intact ☐ present / not intact	Custody Seals: ☐ none ☐ present / intact ☐ present / not intact
Coolant Location: Dispersed / Top / Middle / Bottom	Coolant Location: Dispersed / Top / Middle / Bottom	Coolant Location: Dispersed / Top / Middle / Bottom	Coolant Location: Dispersed / Top / Middle / Bottom
Coolant/Temperature Taken Via: ☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☑ none / avg 2-3 containers	Coolant / Temperature Taken Via: ☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers	Coolant / Temperature Taken Via: ☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers	Coolant / Temperature Taken Via: ☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers
Alternate Temperature Taken Via: ☐ temperature blank (tb) ☐ 1 container	Alternate Temperature Taken Via: ☐ temperature blank (tb) ☐ 1 container	Alternate Temperature Taken Via: ☐ temperature blank (tb) ☐ 1 container	Alternate Temperature Taken Via: ☐ temperature blank (tb) ☐ 1 container

Cooler 1 temperatures:

	Recorded °C	Correction Factor °C	Actual °C
tb			
tb location: representative / in ice			
1	9.5	—	9.5
2	8.5	—	8.5
3	9.7	—	9.7
Average °C			9.2

☐ Cooler ID on COC?
☐ VOC trip blank received?

(Coolers 2–4: Recorded °C / Correction Factor °C / Actual °C; tb; tb location: representative / in ice; 1; 2; 3; Average °C; ☐ Cooler ID on COC?; ☐ VOC trip blank received? — all blank)

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received

☐ No COC received

N/A	Yes	No	
	☑	☐	Chain of Custody Record(s)?
	☐		If No, COC initiated by ___
	☑		Rec'd for Lab signed/date/time?
☑	☐		Shipping Document?
☑	☐		Other ___

COC ID Nos.

☑ TriMatrix 125489

☐ Other (name or ID#) ___

Check COC for Accuracy

☐ No analysis requested

Yes	No	
☑	☐	Sample ID matches COC?
☑	☐	Sample date and time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Sample Condition Summary

☐ Non-TriMatrix containers, see Notes

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate containers received?
☑	☐	☐	VOC vials / TOX containers have headspace?
☑	☐	☐	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	☐	☑	Average sample temperature ≤6° C?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐	☐	Samples preserved correctly?
☑	☐		If "No", added orange tag?
☑	☐		Received pre-preserved VOC soils? ☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged Containers
☐ Yellow/White-tagged 1L Ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☑ RECEIVED, COCs TO LAB(S)

Notes

☐ Trip blank received ☐ Trip blank not listed on COC
☐ No COC received, Proj. Chemist reviewed (init./date) ___
☐ No analysis requested, Proj. Chemist completed (init./date) ___

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
11/5/08 1527	11/5/08 1533	(Yes) / No

November 12, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0811204	11/11/2008	WAP111108

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC). Any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

5560 Corporate Exchange Court SE • Grand Rapids, MI 49512 • (616) 975-4500 • Fax (616) 942-7463

ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0811204**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP111108
Client Sample ID:	**APS-111108-45-SD/TS20252**	Sampled:	11/11/08 13:22
Lab Sample ID:	**0811204-01**	Sampled By:	Kelly Hudson
Matrix:	Sediment	Received:	11/11/08 15:41
Unit:	mg/kg dry	Prepared:	11/11/08 By: BJH
Dilution Factor:	4	Analyzed:	11/12/08 By: DJM
QC Batch:	0813008	Analytical Batch:	8111249

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	2.0U	2.0	0.042
11104-28-2	PCB-1221	2.0U	2.0	0.065
11141-16-5	PCB-1232	2.0U	2.0	0.066
53469-21-9	PCB-1242	2.0U	2.0	0.032
12672-29-6	PCB-1248	**0.87J**	2.0	0.086
11097-69-1	PCB-1254	**0.54J**	2.0	0.047
11096-82-5	PCB-1260	2.0U	2.0	0.034

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	104	*44-127*
Tetrachloro-m-xylene	88	*60-120*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0811204**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP111108
Client Sample ID:	**APS-111108-45-SD/TS20252**	Sampled:	11/11/08 13:22
Lab Sample ID:	**0811204-01**	Sampled By:	Kelly Hudson
Matrix:	Sediment	Received:	11/11/08 15:41

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**66**	0.1	0.1	%	1	USEPA-3550B	11/12/08	KNC	0813312

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0813008 3550B Sonication Extraction/USEPA-8082									
Method Blank					Analyzed:	11/12/2008	By: DJM		
Unit: mg/kg wet					Analytical Batch:	8111249			
PCB-1016			0.33 U					0.33	0.0070
PCB-1221			0.33 U					0.33	0.011
PCB-1232			0.33 U					0.33	0.011
PCB-1242			0.33 U					0.33	0.0053
PCB-1248			0.33 U					0.33	0.014
PCB-1254			0.33 U					0.33	0.0078
PCB-1260			0.33 U					0.33	0.0056
Surrogates:									
Decachlorobiphenyl				*101*	*44-127*				
Tetrachloro-m-xylene				*102*	*60-120*				
Laboratory Control Sample					Analyzed:	11/12/2008	By: DJM		
Unit: mg/kg wet					Analytical Batch:	8111249			
PCB-1248		0.167	**0.185**	111	67-131			0.33	0.014
Surrogates:									
Decachlorobiphenyl				*102*	*44-127*				
Tetrachloro-m-xylene				*103*	*60-120*				

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte: Percent Solids/USEPA-3550B										
QC Batch: 0813312 (General Inorganic Prep)							Analyzed: 11/12/2008		By: KNC	
Method Blank			0.1 U	%					0.1	0.1
0811204-01 [APS-111108-45-SD/TS20252]										
Duplicate	66		**66**	%			0.5	20	0.1	0.1

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program.
No Qualifications required.

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TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 125490

Page 1 of 1

For Lab Use Only

Cart: 8

VOA Rack/Tray:

Receipt Log No.: 19-17

Project Chemist:

Laboratory Project No.: 0811204

Client Name: USEPA/WestonSolutions Inc

Address: 20 N Wacker, Suite 1210

Chicago IL

Phone: 312-424-3339

Fax: 312-424-3330

Project Name: Allied Paper

Client Project No./P.O. No.: 20405.012.002.0174.00

Invoice No: ☐ Client ☐ Other (comments)

Contact/Report To: Lisa Graczyk

Analyses Requested

PCBs

Container Type (corresponds to Container Packing List): A

Number of Containers Submitted: 40z

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Test Group	Matrix Code	Laboratory Sample Number	Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	Number of Containers Submitted	Total	Sample Comments
		01	1 ABS-111108-45-SD/TS20252	—	11/11/08	1322	X		SO	1	1	
			2									
			3									
			4									
			5									
			6									
			7									
			8									
			9									
			10									

Sampled By (print): Kelly (Hudson) Jonas

Sampler's Signature: Kelly Jonas

Company: Weston Solutions of Michigan, Inc

How Shipped? (Hand) Carrier

Tracking No.

Comments: 24-hr TAT

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Kelly Jonas Kelly Jonas	11/11/08	15:41						
1. Received By	**Date**	**Time**	**2. Received By**	**Date**	**Time**	**3. Received For Lab By**	**Date**	**Time**
						Lisa Romeyn	11/11/08	1541

Drop

TriMatrixCOC -- COC WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

TriMatrix Laboratories, Inc.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Client: USEPA / Weston Solutions | Project-Submittal No.: 0811204
Receipt Record: Page/Line No.: 19-17 | New / add to | Project Chemist: MH | Sample Nos.: 01

Coolers Received

Recorded by (initials/date): LR 11/11/08

☑ Cooler ☐ Box ☐ Other ____ | Qty Received: 1

Thermometer Used: ☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (# ____) | ☐ See Additional Cooler Information Form

Cooler No. —	Cooler No.	Cooler No.	Cooler No.
Time: 1545	Time:	Time:	Time:
Custody Seals: ☑ none ☐ present / intact ☐ present / not intact	Custody Seals: ☐ none ☐ present / intact ☐ present / not intact	Custody Seals: ☐ none ☐ present / intact ☐ present / not intact	Custody Seals: ☐ none ☐ present / intact ☐ present / not intact
Coolant Location: Dispersed / Top / Middle / Bottom	Coolant Location: Dispersed / Top / Middle / Bottom	Coolant Location: Dispersed / Top / Middle / Bottom	Coolant Location: Dispersed / Top / Middle / Bottom
Coolant/Temperature Taken Via: ☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☑ none / avg 2-3 containers	Coolant / Temperature Taken Via: ☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers	Coolant / Temperature Taken Via: ☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers	Coolant / Temperature Taken Via: ☐ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers
Alternate Temperature Taken Via: ☐ temperature blank (tb) ☐ 1 container	Alternate Temperature Taken Via: ☐ temperature blank (tb) ☐ 1 container	Alternate Temperature Taken Via: ☐ temperature blank (tb) ☐ 1 container	Alternate Temperature Taken Via: ☐ temperature blank (tb) ☐ 1 container
Recorded °C / Correction Factor °C / Actual °C	Recorded °C / Correction Factor °C / Actual °C	Recorded °C / Correction Factor °C / Actual °C	Recorded °C / Correction Factor °C / Actual °C
tb	tb	tb	tb
tb location: representative / in ice	tb location: representative / in ice	tb location: representative / in ice	tb location: representative / in ice
1 8.2 — 8.2	1	1	1
2	2	2	2
3	3	3	3
Average °C 8.2	Average °C	Average °C	Average °C
☐ Cooler ID on COC? ☐ VOC trip blank received?	☐ Cooler ID on COC? ☐ VOC trip blank received?	☐ Cooler ID on COC? ☐ VOC trip blank received?	☐ Cooler ID on COC? ☐ VOC trip blank received?

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received

☐ No COC received

N/A	Yes	No	
	☑	☐	Chain of Custody Record(s)?
	☐		If No, COC initiated by ____
	☑		Rec'd for Lab signed/date/time?
☑	☐		Shipping Document?
☑	☐		Other ____

COC ID Nos.

☑ TriMatrix 125490

☐ Other (name or ID#) ____

Check COC for Accuracy

☐ No analysis requested

Yes	No	
☑	☐	Sample ID matches COC?
☑	☐	Sample date and time matches COC?
☑		Container type completed on COC?
☑	☐	All container types indicated are received?

Sample Condition Summary

☐ Non-TriMatrix containers, see Notes

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate containers received?
☑	☐	☐	VOC vials / TOX containers have headspace?
☑	☐	☐	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	☐	☑	Average sample temperature ≤6° C?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐	☐	Samples preserved correctly?
☑	☐		If "No", added orange tag?
☑	☐		Received pre-preserved VOC soils?

☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged Containers
☐ Yellow/White-tagged 1L Ambers (SV Prep-Lab)

AFTER HOURS ONLY:
COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☑ RECEIVED, COCs TO LAB(S)

Notes

24 hr. TAT

☐ Trip blank received ☐ Trip blank not listed on COC
☐ No COC received, Proj. Chemist reviewed (init./date) ____
☐ No analysis requested, Proj. Chemist completed (init./date) ____

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
11/11/08 1541	11/11/08 1547	Yes / No

December 19, 2008

Weston Solutions, Inc. - Illinois
Attn: Ms. Lisa Graczyk/Dynamac
20 North Wacker Drive, Suite 1210
Chicago, IL 60606

Project: Allied Paper, Kalamazoo, 20405.016.002

Dear Ms. Lisa Graczyk/Dynamac,

Enclosed is a copy of the laboratory report, comprised of the following work order(s), for test samples received by TriMatrix Laboratories:

Work Order	Received	Description
0812339	12/18/2008	WAP121708

This report relates only to the sample(s), as received. Test results are in compliance with the requirements of the National Environmental Laboratory Accreditation Conference (NELAC). Any qualifications of results, including sample acceptance requirements, are explained in the Statement of Data Qualifications.

Estimates of analytical uncertainties for the test results contained within this report are available upon request.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Lisa M. Harvey
Project Chemist

Enclosures(s)

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0812339**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP121708
Client Sample ID:	**APS-121708-46-SD/TS20257**	Sampled:	12/17/08 17:25
Lab Sample ID:	**0812339-01**	Sampled By:	Kelly Jonas
Matrix:	Sediment	Received:	12/18/08 11:00
Unit:	mg/kg dry	Prepared:	12/18/08 By: DCG
Dilution Factor:	1	Analyzed:	12/18/08 By: JMK
QC Batch:	0814577	Analytical Batch:	8121865

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

CAS Number	Analyte	Analytical Result	RL	MDL
12674-11-2	PCB-1016	0.65U	0.65	0.014
11104-28-2	PCB-1221	0.65U	0.65	0.021
11141-16-5	PCB-1232	0.65U	0.65	0.022
53469-21-9	PCB-1242	0.65U	0.65	0.010
12672-29-6	PCB-1248	0.65U	0.65	0.028
11097-69-1	PCB-1254	0.65U	0.65	0.015
11096-82-5	PCB-1260	0.65U	0.65	0.011

Surrogates:	***% Recovery***	***Control Limits***
Decachlorobiphenyl	99	*44-127*
Tetrachloro-m-xylene	107	*60-120*

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ANALYTICAL REPORT

Client:	**Weston Solutions, Inc. - Illinois**	Work Order:	**0812339**
Project:	Allied Paper, Kalamazoo, 20405.016.002	Description:	WAP121708
Client Sample ID:	**APS-121708-46-SD/TS20257**	Sampled:	12/17/08 17:25
Lab Sample ID:	**0812339-01**	Sampled By:	Kelly Jonas
Matrix:	Sediment	Received:	12/18/08 11:00

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

Analyte	Analytical Result	RL	MDL	Unit	Dilution Factor	Method	Date Analyzed	By	QC Batch
Percent Solids	**51**	0.1	0.1	%	1	USEPA-3550B	12/18/08	KNC	0814747

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QUALITY CONTROL REPORT

Polychlorinated Biphenyls (PCBs) by EPA Method 8082

Analyte	Sample Conc.	Spike Qty.	Result	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
QC Batch: 0814577 3550B Sonication Extraction/USEPA-8082									
Method Blank					Analyzed:	12/18/2008	By: JMK		
Unit: mg/kg wet					Analytical Batch:	8121865			
PCB-1016			0.33 U					0.33	0.0070
PCB-1221			0.33 U					0.33	0.011
PCB-1232			0.33 U					0.33	0.011
PCB-1242			0.33 U					0.33	0.0053
PCB-1248			0.33 U					0.33	0.014
PCB-1254			0.33 U					0.33	0.0078
PCB-1260			0.33 U					0.33	0.0056
Surrogates:									
Decachlorobiphenyl				*103*	*44-127*				
Tetrachloro-m-xylene				*104*	*60-120*				
Laboratory Control Sample					Analyzed:	12/18/2008	By: JMK		
Unit: mg/kg wet					Analytical Batch:	8121865			
PCB-1254		0.167	**0.163**	98	73-125			0.33	0.0078
Surrogates:									
Decachlorobiphenyl				*108*	*44-127*				
Tetrachloro-m-xylene				*103*	*60-120*				

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QUALITY CONTROL REPORT

Physical/Chemical Parameters by EPA/APHA/ASTM Methods

QC Type	Sample Conc.	Spike Qty.	Result	Unit	Spike % Rec.	Control Limits	RPD	RPD Limits	RL	MDL
Analyte: Percent Solids/USEPA-3550B										
QC Batch: 0814747 (General Inorganic Prep)							Analyzed: 12/18/2008		By: KNC	
Method Blank			0.1 U	%					0.1	0.1
0812339-01 [APS-121708-46-SD/TS20257]										
Duplicate	51		**51**	%			0.1	20	0.1	0.1

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STATEMENT OF DATA QUALIFICATIONS

All analyses have been validated and comply with our Quality Control Program.
No Qualifications required.

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TriMatrix Laboratories, Inc.

5560 Corporate Exchange Court SE Grand Rapids, MI 49512
Phone (616) 975-4500 Fax (616) 942-7463
www.trimatrixlabs.com

Chain of Custody Record

COC No. 125494

Page 1 of 1

For Lab Use Only

Cart: Semi-Vol. ✓
VOA Rack/Tray:
Receipt Log No.: 294
Project Chemist:
Laboratory Project No.: 08/2339

Client Name: USEPA / Weston solutions
Address: 20 N Wacker, Suite 1210
Chicago IL
Phone: 312-424-3339
Fax: 312-424-3330

Project Name: Allied Paper
Client Project No./P.O. No.: 20405.012.002.0174.00
Invoice No. ☐ Client ☐ Other (comments)
Contact/Report To: Lisa Graczyk

Analyses Requested

PCBs

Container Type (corresponds to Container Packing List): A

Number of Containers Submitted: 402

PRESERVATIVES
A NONE pH~7
B HNO_3 pH<2
C H_2SO_4 pH<2
D 1+1 HCl pH<2
E NaOH pH>12
F ZnAc/NaOH pH>9
G MeOH
H Other (note below)

Test Group	Matrix Code	Laboratory Sample Number	Sample ID	Cooler ID	Sample Date	Sample Time	COMP	GRAB	Matrix	402	Total	Sample Comments
		-01	1 APS-121708-46-SD/TS20257	1094	12/17/08	1725	X		SO	1	1	125 mL wm Soil
			2									
			3									
			4									
			5									
			6									
			7									
			8									
			9									
			10									

Sampled By (print): Kelly Jonas
Sampler's Signature: Kelly Jonas
Company: Weston Solutions of Michigan

How Shipped? (Hand) Carrier:
Tracking No.

Comments: 24-hr TAT

1. Relinquished By	Date	Time	2. Relinquished By	Date	Time	3. Relinquished By	Date	Time
Kelly Jonas	12/18/08	11:00						
1. Received By	**Date**	**Time**	**2. Received By**	**Date**	**Time**	**3. Received For Lab By**	**Date**	**Time**
						Kim Ziegler	12-18-08	11:00

DROP

TriMatrixCOC -- COC WHITE COPY - REPORT YELLOW COPY - LABORATORY PINK COPY - FIELD

TriMatrix Laboratories, Inc.

SAMPLE RECEIVING / LOG-IN CHECKLIST

Client: USEPA/Weston Solutions (new) add to | Project-Submittal No. 0812339
Receipt Record Page/Line No. 29-4 | Project Chemist: MLL | Sample Nos. 01

Coolers Received

Recorded by (initials/date): KZ 12-18-08

☑ Cooler ☐ Box ☐ Other______ | Qty Received: 1

Thermometer Used: ☑ IR Gun (#202) ☐ Digital Thermometer (#54) ☐ Other (#______) ☐ See Additional Cooler Information Form

	Cooler 1	Cooler 2	Cooler 3	Cooler 4
Cooler No.	TM 1084			
Time	11:00			
Custody Seals	☑ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact	☐ none ☐ present / intact ☐ present / not intact
Coolant Location: Dispersed / Top / Middle / Bottom	(Dispersed)			
Coolant / Temperature Taken Via	☑ loose ice / avg 2-3 containers ☐ bagged ice / avg 2-3 containers ☐ blue ice / avg 2-3 containers ☐ none / avg 2-3 containers	☐ loose ice ☐ bagged ice ☐ blue ice ☐ none	☐ loose ice ☐ bagged ice ☐ blue ice ☐ none	☐ loose ice ☐ bagged ice ☐ blue ice ☐ none
Alternate Temperature Taken Via	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container	☐ temperature blank (tb) ☐ 1 container

Cooler 1 temperatures:

	Recorded °C	Correction Factor °C	Actual °C
tb	—		
tb location: representative / in ice			
1	3.8	—	3.8
2			
3			
Average °C			3.8

☐ Cooler ID on COC? ☐ VOC trip blank received? (each cooler)

If any shaded areas checked, complete Sample Receiving Non-Conformance Form

Paperwork Received

☐ No COC received

N/A	Yes	No	
	☑	☐	Chain of Custody Record(s)?
	☐		If No, COC initiated by ______
	☑		Rec'd for Lab signed/date/time?
☑	☐		Shipping Document?
☑	☐		Other ______

COC ID Nos.

☑ TriMatrix / 25494

☐ Other (name or ID#) ______

Check COC for Accuracy

☐ No analysis requested

Yes	No	
☑	☐	Sample ID matches COC?
☑	☐	Sample date and time matches COC?
☑		Container type completed on COC?
☐	☐	All container types indicated are received?

Sample Condition Summary

☐ Non-TriMatrix containers, see Notes

N/A	Yes	No	
	☐	☑	Broken containers/lids?
	☐	☑	Missing or incomplete labels?
	☐	☑	Illegible information on labels?
	☐	☑	Low volume received?
	☐	☑	Inappropriate containers received?
☑	☐	☐	VOC vials / TOX containers have headspace?
☑	☐	☐	Extra sample locations / containers not listed on COC?

Check Sample Preservation

N/A	Yes	No	
	☑	☐	Average sample temperature ≤6° C?
☑	☐		Completed Sample Preservation Verification Form?
☑	☐	☐	Samples preserved correctly?
☑	☐		If "No", added orange tag?
☑	☐		Received pre-preserved VOC soils? ☐ MeOH ☐ Na_2SO_4

Check for Short Hold-Time Prep/Analyses

Semi. 24hR. TAT

☐ Bacteriological
☐ Air Bags
☐ EnCores / Methanol Pre-Preserved
☐ Formaldehyde/Aldehyde
☐ Green-tagged Containers
☐ Yellow/White-tagged 1L Ambers (SV Prep-Lab)

AFTER HOURS ONLY: COPIES OF COC TO LAB AREA(S)
☐ NONE RECEIVED
☑ RECEIVED, COCs TO LAB(S)

Notes

☐ Trip blank received ☐ Trip blank not listed on COC
☐ No COC received, Proj. Chemist reviewed (init./date) ______
☐ No analysis requested, Proj. Chemist completed (init./date) ______

Cooler Received (Date/Time)	Paperwork Delivered (Date/Time)	≤1 Hour Goal Met?
12-18-08 11:00	12-18-08 11:05	(Yes) / No